UNIVERSITY OF SCRANTON CATALOG 1950-1951

UNIVERSITY
OF
SCRANTON

CATALOG

April, 1950

SCRANTON 3, PENNSYLVANIA

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Pennsylvania

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UNIVERSITY CALENDAR

1950

June 5-17 ..... Registration for Summer Session
June 19 ..... Summer Session begins
July 4 ..... Independence Day, Holiday
July 31 ..... Feast of St. Ignatius, Holiday
August 11 ..... Summer Session ends
September 6-15..... Freshman Week Registration and Orientation
September 12-15..... Registration for Upper Classmen
September 18 ..... Classes begin
September 25 ..... Evening Session begins
September 28 ..... Mass of the Holy Ghost
October 16 ..... Student Convocation
November 1 ..... All Saints Day, Holiday
November 10 ..... End of First Quarter
November 20-21-22.. Annual Retreat
November 23-24..... Thanksgiving Holidays
December 8 ..... Feast of the Immaculate Conception, Holiday
December 19 ..... Christmas Holidays begin (after last class)

1951

January 3 ..... Classes resume
January 19 ..... End of Second Quarter
January 22 ..... Semester Examinations
January 26 ..... End of Day and Evening Sessions
Jan. 29-Feb. 3..... Registration Week
February 5 ..... Day Classes begin
February 5 ..... Evening Session begins
February 22 ..... Washington's Birthday, Holiday
March 20 ..... Easter Holidays begin (after last class)
March 28 ..... Classes resume
March 30 ..... End of First Quarter
April 5-6 ..... Graduate Record Examinations for Seniors
April 26 ..... President's Day, Holiday
May 3 ..... Ascension Thursday, Holiday
May 10-11 ..... A. I. A. Examinations
May 21 ..... Senior Examinations
May 28-June 1..... Senior Retreat
May 28 ..... Semester Examinations
June 1 ..... Day Session closes
June 2 ..... Alumni Induction
June 2 ..... Baccalaureate—Class Day Exercises
June 3 ..... Commencement

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General Information

HISTORY

The University of Scranton, the first Catholic institution of higher education in the Northeastern counties of Pennsylvania, was known as the College of Saint Thomas at its foundation in 1888. Under the laws of the State it was chartered on January 12, 1923 to confer Bachelor's and Master's degrees in the Arts and Sciences. Fourteen years later Saint Thomas College became the University of Scranton. In 1942 the University of Scranton became the twenty-fourth of the twenty-seven colleges in the United States under the direction of the Society of Jesus.

CAMPUS

One division of the University, comprising three buildings, is situated on Wyoming Avenue near the center of the city. In the main building are located the offices of administration, the library, the auditorium and the biology department. A separate building houses the chemistry laboratories and lecture rooms. La Salle Hall contains the offices of the President, the student chapel and consultation rooms. The other division of the University, adjoining the Scranton Estate, consists of the Liberal Arts building, the Business Administration building and the Physical Science building. The Scranton Estate, the generous gift of Mr. Worthington Scranton, comprises about five acres of land and a large mansion, which now serves as a residence for the Jesuit faculty. This has been enlarged through the munificent gift of Attorney M. J. Martin, regent and legal adviser of the University, by the gift of six lots adjoining the property on Linden Street. On May 18, 1945, the University acquired title to a tract of eight and a half acres, the gift of Mr. E. P. Dietrick.

THE OBJECT AND PURPOSES OF THE UNIVERSITY

The University of Scranton, though a recent member of the international family of Jesuit Colleges and Universities, is old in the tradition and experience of educational values. The educa-

tional philosophy of the University of Scranton is that of the *Ratio Studiorum*, whose basic principles and methods were first codified in 1599, thoroughly revised on the basis of experience in 1832 and constantly modified on the same grounds from time to time to meet the changing needs of sound education.

The general objective and purpose of the Jesuit College of liberal arts is the imparting of a liberal education to its students.

This end will be attained by training in the humanities, philosophy and religion, together with such other disciplines in the social, physical and biological sciences as tend to make the well-educated man.

In its pre-professional training, it still keeps in mind its main purpose, a liberal education. Consequently, in this training it will always aim at imparting a broad education including humanities, philosophy and religion, as well as the sciences, business and professional and vocational courses.

The Jesuit College has a hierarchy of values. The humane and the spiritual are more important than the material; at the summit of the hierarchy are the supernatural values, those known through Revelation.

Religion, which does not consist merely in instruction in Christian Doctrine but in the active living of one's life according to Christian Principles, is the basis of Jesuit education and, as such, will permeate all curricular and extra-curricular activities of the College.

Although its purpose as a college is the training in the intellectual virtues, with a fund of necessary and balanced knowledge, the Jesuit College, as a Catholic college, regards as of paramount importance the moral and religious growth of its students. To this end the Catholic tone of the college will always be manifest so that our students, as stated in the *Ratio Studiorum*, "may advance in uprightness of life as well as in the liberal arts."

The University of Scranton as a liberal arts college which serves primarily the needs of the community and the area, recognizes as some of its specific objectives the following:

To train those who will render special professional service to the public and private schools of the community and the area.

To prepare those who plan to enter Catholic theological seminaries.

To educate those who will enter the professional, civic and business world of the community.

To offer those who plan to enter the field of research and graduate study the necessary undergraduate training.

RELIGIOUS TRAINING

No matter how solid and thorough the intellectual training of the student it needs to be supplemented by an equally complete training in religion and morality if education is to fulfill adequately its function of perfecting human nature and thus preparing the student for a fruitful life after leaving college. The more highly trained a man is, the greater his potentialities for good or evil; and consequently the more important the role of religion with its incomparable power to instruct the conscience and to strengthen the will in the ways of private, social and civic virtue.

One of the phases of religious training at the University consists in formal instruction, given during class periods, as an integral part of the curriculum. Since religious truths form a body of doctrine that can be taught and studied as exactly and scientifically as other branches of human knowledge, the courses in religion are conducted as regular lecture courses with recitations and examinations. The courses are so distributed over the four years of college that the entire field of Christian dogma and morals is adequately surveyed.

In addition to the courses in religion, obligatory for all Catholic students, the growth of a spirit of manly piety is encouraged by voluntary participation in various religious devotions and practices. Holy Mass is celebrated in the Chapel; Benediction of the Blessed Sacrament, Devotions to the Sacred Heart and to Our Blessed Lady and other liturgical functions are held at frequent intervals. All Catholic students are expected to receive the Sacraments frequently, weekly and even daily when possible, and to make the exercises of a three day retreat which is held annually.

In the admission of students no discrimination is made on the grounds of religious belief. Students, not of the Catholic faith, are

exempted from attending classes in religion and from participating in religious exercises conducted by the University, though they may attend them if they so desire.

STUDENT COUNSELING

To foster the religious development of the students, two of the Fathers of the Faculty are appointed as counselors or advisers of the students. They are in a special sense the friend and adviser of the students not only in religious matters but also in their social duties and in other personal matters as each one may desire.

One of the questions of highest importance to every college graduate is the wise choice of a profession or vocation according to one's character, talents and inclinations, both natural and supernatural. No student with a serious outlook on life will fail to determine well in advance of his graduation the career which under God's providence seems best suited to assure him success and happiness. In this matter the assistance of the Student Counselors will prove of great value.

THE ADVISORY SYSTEM

In accordance with its policies of keeping the relations of students and faculty on a personal basis the University has organized an extensive advisory system. In accordance with the system ample opportunity is afforded the student for academic counseling, a testing program and conferences with the Committees on Scholarship.

VOCATIONAL GUIDANCE CENTER

The University of Scranton has established a Guidance Center whose offices are located in a separate building at 3 Platt Place. Several well-trained Counselors serve in the testing bureau and devote themselves to counseling the students in their academic and occupational pursuits.

FRESHMAN WEEK

At the beginning of each academic year a special program, known as Freshman Week, is conducted by the University for the

purpose of introducing the new students to their studies and college life. During this period each Freshman is required to take a series of aptitude and placement tests in order to enable him and his faculty adviser to select a course of studies in which the student can best achieve his goal. A series of instructions on the use of the Library, several lectures on study habits and an introduction to the various extracurricular activities are included in the Freshman Week program.

THE LIBRARY

The Library of the University of Scranton serves the students and the faculty in instructional matters and in research through the existing collection of the main library, located on Wyoming Avenue, and a special collection including many spiritual works housed at the Scranton Estate, 4 Ridge Row. Books from this special collection are available through loan at the main library.

Students have access also to the Scranton Public Library, the Law Library at the Court House and other libraries in the vicinity. Out-of-town students wishing to make use of these resources should consult the University Librarian.

The staff of well trained Librarians is prepared to give individual and informal instruction, so that any student with a special research problem may receive efficient service. Formal instruction, including several lectures and a problem on the use of the Library, is made a part of the English course given to all Freshmen. These lectures are conducted by the Librarians. It is highly recommended that the students should be aware of the educational and cultural value derived from a thorough acquaintance with the Library collection and tools.

The main Library, located on the third floor of the Main Building, is open daily during the week from 8:30 a.m. to 9:45 p.m., and on Saturdays from 9:00 a.m. to 12:00 noon, exclusive of Sundays and holidays. All alumni and friends of the University of Scranton are welcome to use the Library for reference and to borrow books.

BEST SELLERS

The Library of the University of Scranton edits and publishes *Best Sellers*, one of the largest book-reviewing services in

the country. The purpose of this review is to assist individuals as well as libraries in making an intelligent selection of modern literature. The Reviewing Staff is composed of experts in the various fields of writing and is drawn from more than thirty colleges and universities in the country.

OUT-OF-TOWN STUDENTS

Although the University of Scranton is not a boarding school, and, therefore, provides no dormitory accommodations on the campus, a number of private homes, furnishing board and lodging, are available in the main residential district a few minutes walk from the University. Students are required to board in homes on the approved list of the University. Room and board can be secured for rates varying between $60.00 and $75.00 per month. Room rates only, average about $4.00 a week. A list of approved homes may be secured by writing to the Registrar.

INSTITUTE OF INDUSTRIAL RELATIONS

On October 19, 1943, in Hazleton, Pa., the University of Scranton opened the first unit of its Institute of Industrial Relations. It was called Hazleton Labor College. Since then two other divisions have been added to the Institute, viz.: the Shenandoah Institute of Industrial Relations in Shenandoah, Pa., which was inaugurated on March 15, 1945; and the Scranton Institute of Industrial Relations, which held its first assembly on May 2, 1945.

It is the purpose of all of the divisions of the Institute to provide opportunity for both employees and employers to acquire a sound philosophy in industrial relations, an acquaintance with the methodology of Social Science, a knowledge of the provisions of labor legislation and skill in written and vocal expression. It is hoped that by spreading a better understanding of the underlying principals and factual data of industrial relations, the groundwork will be laid for enduring industrial peace.

The instruction is conducted each year through two semesters of ten weeks each. The classes meet for three periods on one evening each week.

Lecturers include members of the regular faculty of the University, and specially engaged experts in specific fields. The regular courses are supplemented by occasional lectures by members of the staffs of various departments of the Federal Government, of the Commonwealth of Pennsylvania and of labor and employer organizations.

The student body includes international and district officers and board members of labor organizations, officials and committee members and rank and file members of locals; foremen, superintendents, personnel directors and professional persons.

General Regulations

Students obviously enter the University with the sincere and earnest purpose of obtaining all the benefits of a college education. To enable them to do so, to secure the order necessary for the effectual pursuit of studies, to develop and strengthen character, and to promote gentlemanly deportment and polite manners, the University has drawn up certain rules and regulations governing student life. While the observance of these regulations is largely a matter of student morale, they are enforced unflinchingly whenever necessary. Matters of discipline are supervised by the Dean of Men.

While the University cannot be held responsible for the conduct of students outside the premises, nevertheless unbecoming conduct either on or off the campus as well as insubordination, continued inapplication to studies or irregularity in attendance will constitute grounds for dismissal from the University. In general both within and outside the University students are expected to manifest the respect for order, morality, personal honor and the rights of others, which is the hallmark of a gentleman and the duty of a good citizen. The Administration reserves the right to dismiss a student at any time without any definite charge, if in its opinion he fails to use profitably the opportunities offered him at the University or to conduct himself according to its standards.

ATTENDANCE

The University considers regular attendance at all classes one of the most important obligations of the student. Every student is required to attend all the scheduled exercises of his class. A limited number of absences for grave and legitimate reasons is permitted. Should a student be absent more frequently than double the number of credits in a given course he incurs an automatic failure. Each student should keep an account of his absences. Failure to do so will not excuse him from the above penalties. Whenever a student has been unavoidably absent for a prolonged period because of illness or an equally compelling reason, the application

of this rule may be modified upon the recommendation of the instructor with the approval of the department head. Not only must attendance at classes be regular but it must be punctual. Late comers are not to be admitted and will be recorded with an absence. With the approval of the department head, make-up tests may be given during the term but they may not be marked on a basis higher than a maximum grade of 75%.

EXAMINATIONS AND GRADES

Grades are ascertained quarterly from the professors. Twice each semester in each course there is given a mark made up on the basis of the student's homework, recitation in class and tests.

At the close of each semester comprehensive written examinations in each subject are held covering all the matter studied during the semester; supplementary oral examinations may also be required. To be eligible to take a semester examination, a student must have attained an average of "D" in the combination of the two quarterly marks and must not have exceeded the limit of absences. Unexcused absence from a semester examination counts as a condition.

The semester's average is obtained by adding together the marks for the two quarters and the mark for the semester examination, and dividing by three. To secure credit for a subject, not only the semester average, but also the mark in the examination must be at least "D".

The system of grading in use is based on the letters A, B, C, D, E, F. These letters are evaluated according to the following scale:

A—93-100—Excellent .....3 quality points for each credit hour
B—85- 92—Good .....2 quality points for each credit hour
C—77- 84—Fair .....1 quality point for each credit hour
D—70- 76—Passing .....0 quality point for each credit hour
E—60- 69—Condition
F—Below 60—Failure

QUALITY OF WORK

During the four-year course a student must earn at least a total of one hundred and twenty-eight quality points. A grade

average of "C", or a quality point index of 1.0, is required for graduation.

The quality index of a student is determined by dividing the total number of quality points earned by the total number of earned credits.

HONOR STUDENTS

To be eligible for honors a student must carry the full program of his class. All semester hours in which a student receives a grade are counted in the determination of honors. In order to be listed as honor students a grade of "B" or higher must be earned in each subject.

DEFICIENCIES

Any grade between 60 and 69 will constitute a condition. A condition is also incurred by not passing a semester examination. A student whose quarterly marks in any subject average between 60-70 percent is permitted to take a condition examination. Likewise, a student who has been debarred from the semester examination because of absences, and whose quarterly marks average 60 percent, is permitted to take a condition examination.

A condition examination will be given in each subject after the regular semester examinations. The highest mark to be attained in such examination is "D". The fee for any condition examination is $5.00. If a student fails to pass any condition examination or absents himself without permission from such an examination, he automatically incurs an absolute failure.

A student whose quarterly grades in any subject average below 60 incurs an absolute failure. Such failures are removed only by repeating the subject in regular course. The highest grade which may be earned by repetition of such course is "C". A course may be repeated but once.

No student will be classified as a Senior who has not removed all deficiencies or who has not earned the necessary number of quality points. Any member of the Senior Class who incurs one failure or two conditions shall cease to be a candidate for a degree at the next commencement.

A student who has accumulated three failures at the end of a semester shall be dismissed.

INCOMPLETE COURSES

If a course has not been completed because of illness or some other serious reason, approved on the recommendation of the Committee on Academic Standards, the course will be marked "I" (Incomplete).

VOLUNTARY WITHDRAWAL

A student who withdraws voluntarily from the University is entitled to honorable dismissal if he is in good standing and all financial indebtedness settled. Students who intend to withdraw from the University are obliged to notify the Registrar of their intention to do so.

STUDENT EXPENSES

Unless it is explicitly stated otherwise, tuition and fees are for one semester and are payable on registration.

Deferred payments are allowed only in rare cases and must have the direct approval of the Treasurer before registering. A fee of $5.00 per semester is charged for this service. Deferred payments are made by paying $100.00 at the beginning of the semester and the balance in payments due the first of two following months.

The University reserves the right to refuse admission to classes to any student not complying with deferred payment regulations.

TUITION

Tuition per semester is $200.00. This tuition permits a student to carry the number of credit hours as indicated for his course in pages 37 to 52 of this catalog. Extra credit hours are chargeable at the rate of $12.00 per semester hour of credit. Students whose combined number of credit hours is 10 or more in any session or combination of sessions shall be charged full tuition and fees. A student carrying less than 10 credit hours will be charged $12.00 a credit hour and a $5.00 registration fee.

REFUNDS

No refund will be made for absence, withdrawal or dismissal after the first two weeks of any semester. However, to obtain a

refund, within the two week period, the notice of withdrawal must be reported immediately in writing to the Treasurer. This regulation does not apply to students who are called for military service. For such students a pro rata refund will be made in accordance with their actual attendance.

SPECIAL REGULATIONS

No student will be permitted to take semester examinations until all his bills for the current semester have been paid. No student shall be permitted to receive any degree, certificate or transcript of record, until his financial accounts with the University have been satisfactorily settled. Students are responsible for all breakage in the laboratories.

SUMMARY

Tuition per semester	$200.00
University fees per semester	25.00
Laboratory fee for each science course per semester	10.00
Business laboratory fee per semester	5.00
Registration fee per semester	5.00
Engineering laboratory fee per semester	1.00
Graduate record examination	3.25
American Institute of Accountants Exam	7.00
Examination material	.75
Matriculation fee, payable once	5.00
Deferred payment fee	5.00
Late registration fee	5.00
Extra courses, per semester credit	12.00
Transcript of record	2.00
Condition examination fee	5.00
Graduation	30.00
C.P.A. Review	250.00
Evening tuition, per credit hour	12.00
University fees, evening school, per semester	2.00
Yearbook (Seniors only)	5.00
Philosophy Seminar	25.00
Estimated cost of books per year	40.00 to 75.00

REQUIREMENTS FOR ADMISSION

The administration of the requirements for admission to the University of Scranton is in the hands of the Chairman of the Board of Admissions. The executive details are administered by the Registrar, who will furnish application blanks and information to prospective candidates, parents and secondary school principals. It will be to the candidate's advantage to make formal application early in the final year of his secondary school studies. At the very latest application should be made at least two months before the start of the semester.

In the acceptance of candidates final decision rests with the Board of Admissions. Candidates are advised that in determining the admission status of an applicant the Board will consider not only the credits and mental proficiency of the candidate but also such factors as character, personality and good citizenship.

All applicants will be required to submit to a battery of tests to be used by the Board of Admissions in evaluating their mental qualifications for the course of study for which they are applying. The scores earned in these tests and the relative standing in the applicant's high school class will be the principal factors used in determining his acceptance for admission to the University.

SCHOLASTIC CREDENTIALS

Candidates for admission to the freshman class must present: first, a certificate of graduation from a senior high school accredited by the State Department of Education of Pennsylvania or by the Association of Colleges and Secondary Schools of the Middle States; and, secondly, a detailed record of their high school work. This record must represent either sixteen units distributed over four full years, if the applicant comes from a four-year high school, or twelve units, if he comes from a senior high school. Each unit represents the study of a high school subject for the duration of a school year of at least thirty-six weeks, on a basis of four to five recitation periods a week. These units must cover the prescribed subjects which are listed as requirements for admission to the various curricula.

ADVANCED STANDING

The institution honors credits toward advanced standing from other colleges, provided a grade of "C" or its equivalent is presented. No one, however, will be admitted to a standing higher than that represented by a completion of the junior year. To be eligible for a degree, a year of residence is required. Students entering from other institutions shall be required to make up the prescribed subjects of study in the course which they choose to pursue.

The candidate must present a letter of honorable dismissal and a certificate signed by the proper college authority, showing the subjects studied, the number of semester hours given to each subject, and the grade attained. In case the character of a student's work in any subject is such as to create doubt as to the quality of that which preceded, the University explicitly reserves the right to revoke any credit assigned on credentials and to exact examination in the same subject.

UNIT REQUIREMENTS FOR ADMISSION

To enroll in any one of the several courses offered in the curriculum a total of sixteen high school units must be presented. The term, "unit", is understood to represent a course of from four to five hours weekly throughout an academic year of secondary school. Candidates for admission may submit entrance units in the following subjects:

American History	1	Italian	2
Ancient History	1	Spanish	2
Mediaeval History	1	Algebra	2
Modern History	1	Commercial Mathematics	1
Civics	1	Plane Geometry	1
Economics	1	Solid Geometry	1
Problems of Democracy	1	Trigonometry	1
Social Science	1	Mechanical Drawing	1
English	4	Business Subjects	2
Greek	3	General Science	1
Latin	4	Biology	1
French	2	Chemistry	1
German	2	Physics	1

COURSE REQUIREMENTS

Of the total of sixteen units, required for admission, a specified number must be offered in prescribed subjects, which vary from course to course. The following tables summarize the required and elective units to be offered by candidates for the various degrees:

Bachelor of Arts

Algebra	1
English	4
History of United States	1
Latin	2 to 4
*Modern Language	2
Plane Geometry	1
Science	1
Other Subjects	2 to 4
	16

Bachelor of Science

(Pre-Medical; Pre-Dental; Science Majors)

Algebra	1
English	4
History of United States	1
Modern Language	2
Plane Geometry	1
Science	1
Other Subjects	6
	16

Bachelor of Science

(Education; History; Social Sciences)

Algebra	1
English	4
History of United States	1
*Modern Language	2
Plane Geometry	1
Science	1
Other Subjects	6
	16

Bachelor of Science

(Major: Business Administration)

Mathematics	2
English	4
History of United States	1
*Modern Language	2
Science	1
Other Subjects	6
	16

Pre-Engineering and Physics

Algebra	2
English	4
History of United States	1
Plane Geometry	1
Science	1
Other Subjects	7
	16

* Candidates without secondary school credit in a modern foreign language must register in one of the elementary courses and continue their study of the language during Sophomore Year.

Students with two or more years of high-school preparation in a modern foreign language will continue their study of the same language at a level determined by their standing in the entrance placement test. No credit will be allowed a student who follows the elementary course in a modern language in which he has had two years of high school credit.

German is the prescribed language for candidates for the Bachelor of Science Degree in Chemistry and Physics. Students planning post-graduate work on attaining the Bachelor's Degree are advised that French and German are the languages usually required of candidates for advanced degrees.

College Degrees

The College of Arts and Sciences at the University of Scranton awards two academic degrees, Bachelor of Arts and Bachelor of Science. The various courses of study are arranged in two main groups, each one leading to one of these degrees. The Bachelor of Arts course affords the student the opportunity to major in Classical Languages, Education, English, History, Modern Languages or Social Sciences. Within the Bachelor of Science group various subdivisions are found depending on whether the student is majoring in Accounting, Business Administration, Biology, Chemistry, Economics, Education, English, History, Mathematics, Philosophy, Physics, Political Science, Psychology or Sociology.

BACHELOR OF ARTS DEGREE

The course of studies terminating in a Bachelor of Arts degree is characterized by a two year study of Latin literature. For those majoring in Classics, two years of the study of Greek are also required. The student pursuing this course may major in the fields of Classics, English, History, Education, Modern Languages or the Social Sciences.

BACHELOR OF SCIENCE DEGREE

The courses which lead to the degree of Bachelor of Science fall into three general groups. The pure science courses are designed for students who wish to major in the fields of Biology, Chemistry, Physics or Mathematics or who wish to fulfill the requirements for entrance into medical or dental school. The second group of courses enables the student, lacking in prerequisites for the Arts course, to major in the fields of Education, Psychology, History or the Social Sciences.

The third group of courses leads to the degree of Bachelor of Science in Business Administration with a major in Accounting or General Business. In all these courses certain general cultural subjects such as English and Philosophy are prescribed.

These fields of study afford a student who has not completed the prerequisites for the A.B. course in high school an opportunity to pursue a course of study which will fit him for graduate work in law, education, business or government.

DEGREE REQUIREMENTS

To receive the Bachelor's degree a student is required to complete successfully all prescribed courses as well as an amount of work equivalent to at least one hundred and twenty-eight credits. In addition to the requirement of one hundred and twenty-eight credits each candidate for a degree must maintain a quality point average of 1.00 to qualify for the bachelor's degree. A credit of semester hour represents one hour a week for one semester except when a class period is conducted in the style of a conference or seminar, in which case fewer credits are granted. Two or more hours of laboratory work are counted as the equivalent of one lecture period.

PRESCRIBED COURSES

Certain courses are prescribed for all the curricula leading to the bachelor's degree. These include the Freshman and Sophomore courses in English, Modern Language and Mathematics and the sequence of philosophy courses comprising Logic, Epistemology, Cosmology, Metaphysics, Ethics, Psychology and Natural Theology. Moreover in all the curricula at least one year of U. S. History and, excepting Business Administration, the required courses in the physical and biological sciences. In addition in each of the various curricula certain courses are prescribed as necessary for the minimum requirement for the particular degree awarded upon successful completion of the curriculum. These prescribed courses are outlined in detail in the summaries contained in the following pages. Catholic students are also required to pursue a prescribed course in Religion in each of the four years; non-Catholic students must take an equivalent number of elective credits to substitute for the eight credits in Religion.

MAJOR FIELDS OF STUDY

Before the close of his sophomore year each student with the assistance of his faculty adviser and the approval of the Dean must determine his major elective for the ensuing two years. The field of concentration for students who wish to major in science or to prepare for medical school is normally determined by the course they choose upon entering Freshman year.

In determining the major elective the decisive factor is not the student's desires, but his prospective vocation in life. Consequently what is elective with the student is not so much his studies, especially in details, but rather the career which he wishes to follow. In all cases it is clearly understood that, no matter what a student's major may be, he is still obliged to follow the prescribed courses of philosophy in Sophomore, Junior and Senior years.

To major a student must present a minimum of 30 semester hours in the same field, with required cognate subjects.

The major fields of study are:

Accounting
Biology
Business Administration
Chemistry
Classical Languages
Economics
Education
English
History
Mathematics
Philosophy
Physics
Political Science
Psychology
Sociology

No recommendation for graduate studies or professional schools will be given to any student who does not maintain a 1.5 quality point average in his major field.

GRADUATION HONORS

The degree of Bachelor of Arts or of Bachelor of Science shall be conferred with distinction under the following rules: Students who have completed a minimum of one hundred hours in the University of Scranton are eligible for general honors. Those who earn an average of two quality points a semester hour are recommended for a degree cum laude. Those who earn an average of at least two and one-half quality points a semester hour are recommended for a degree magna cum laude. Those who earn an average of three quality points a semester hour are recommended for a degree of summa cum laude.

HONORS COURSES

An Honors Course is available in all major fields of study under the direction of the department head. Students with a "B"

average (2.0) are eligible, their eligibility being determined in the last semester of Junior year. To qualify for honors at graduation a student must have written a Senior thesis in his major field of study, have passed a written comprehensive in the major field of study and finally will have presented before a board of outside examiners both the special topic of the Senior thesis and the general background of the major study.

Honors in a major field of study at graduation are awarded independently of the distinctions—cum laude, magna cum laude and summa cum laude. These latter qualifications are given for the general academic average for all studies as described in the catalog. The "honors" distinction is given for the major field of study.

PRE-LEGAL STUDIES

Applicants interested in the study of law may enroll in any of the following courses:

1. Bachelor of Arts—Major: Classics:
2. Bachelor of Science—Major: Political Sciences.
3. Bachelor of Science—Major: History.
4. Bachelor of Science—Major: Economics.
5. Bachelor of Science—Major: Sociology
6. Bachelor of Science—Major: English.
7. Bachelor of Science—Major: Business

A major in any of the curricula listed above satisfies the requirements of the Pennsylvania State Board of Law Examiners and meets the admission requirements of all accredited law schools. The prospective lawyer is urged to enroll for the Bachelor of Arts if he has three units of high school Latin. If the applicant has not completed three years of Latin he may enroll for any of the other majors indicated.

CURRICULUM TABLES

BACHELOR OF ARTS

Major in Classics

(N.B. Students pursuing the Bachelor of Arts Course may also major in Education, English, History, Modern Languages or Social Sciences. Such students may substitute other courses for Greek.)

Freshman I

	Credits
English 1	3
English 3	1
Modern Language 1 or 21	3
Latin 22	4
Greek 4	4
Mathematics 7	3
Religion 1	1
	19

Freshman II

	Credits
English 2	3
English 4	1
Modern Language 2 or 22	3
Latin 21	4
Greek 21	4
Mathematics 8	3
Religion 2	1
	19

Sophomore I

	Credits
English 23	3
Biology 3	3
Latin 31	4
Modern Language 21 or 31	3
Greek 22	4
Religion 21	1
	18

Sophomore II

	Credits
English 24	3
Biology 4	3
Latin 32	4
Modern Language 22 or 32	3
Greek 23	4
Religion 22	1
	18

Junior I

	Credits
Philosophy 101-102	5
History 1	3
Physics 3	3
Elective (Classics)	3
Religion 101	1
	15

Junior II

	Credits
Philosophy 103-104	4
History 2	3
Chemistry 4	3
Elective (Classics)	3
Sociology 21	3
Religion 102	1
	17

Senior I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Economics 23	3
Elective (Classics)	3
Religion 110	1
	15

Senior II

	Credits
Philosophy 107	4
Philosophy 111	4
Economics 24	3
Elective (Classics)	3
Religion 111	1
	15

For those who enter the Freshman Class without credit in Greek, courses in Elementary Greek are offered. For such students Greek 1, 2, 3 and 4 are offered over a four-semester program. No credit is allowed unless four semesters of Greek are completed.
Total: 136 credits

BACHELOR OF SCIENCE

Major in English

FRESHMAN I

	Credits
English 1	3
English 3	1
Biology 3	3
Mathematics 7	3
History 1	3
Modern Language 1 or 21	3
Religion 1	1
	17

FRESHMAN II

	Credits
English 2	3
English 4	1
Biology 4	3
Mathematics 8	3
History 2	3
Modern Language 2 or 22	3
Religion 2	1
	17

SOPHOMORE I

	Credits
English 23	3
History 3	3
Physics 3	3
Sociology 21	3
Modern Language 21 or 31	3
Religion 21	1
	16

SOPHOMORE II

	Credits
English 24	3
History 4	3
Chemistry 4	3
Sociology 22	3
Modern Language 22 or 32	3
Religion 22	1
	16

JUNIOR I

	Credits
Philosophy 101-102	5
Economics 23	3
English 107	3
Elective (English)	3
Religion 101	1
	15

JUNIOR II

	Credits
Philosophy 103-104	4
Economics 24	3
English 108	3
Electives (English)	6
Religion 102	1
	17

SENIOR I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Philosophy 113	3
Elective (English)	3
Religion 110	1
	15

SENIOR II

	Credits
Philosophy 107	4
Philosophy 111	4
Philosophy 114	3
Elective (English)	3
Religion 111	1
	15

Total: 128 credits

BACHELOR OF SCIENCE

Major in Economics

Freshman I

	Credits
English 1	3
English 3	1
Mathematics 7	3
History 1	3
Biology 3	3
Modern Language 1 or 21	3
Religion 1	1
	17

Freshman II

	Credits
English 2	3
English 4	1
Mathematics 8	3
History 2	3
Biology 4	3
Modern Language 2 or 22	3
Religion 2	1
	17

Sophomore I

	Credits
English 23	3
History 3	3
Modern Language 21 or 31	3
Economics 23	3
Sociology 21	3
Religion 21	1
	16

Sophomore II

	Credits
English 24	3
History 4	3
Modern Language 22 or 32	3
Economics 24	3
Sociology 22	3
Religion 22	1
	16

Junior I

	Credits
Philosophy 101-102	5
Business 1	4
Business 103	3
Business 105	3
Economics 101	3
Religion 101	1
	19

Junior II

	Credits
Philosophy 103-104	4
Business 2	4
Business 104	3
Business 106	3
Economics 102	3
Religion 102	1
	18

Senior I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Economics 103	3
Physics 3	3
Religion 110	1
	15

Senior II

	Credits
Philosophy 107	4
Philosophy 111	4
Economics 104	3
Chemistry 4	3
Religion 111	1
	15

Total: 133 credits

BACHELOR OF SCIENCE

Major in History

FRESHMAN I

	Credits
English 1	3
English 3	1
History 1	3
Mathematics 7	3
Biology 3	3
Modern Language 1 or 21	3
Religion 1	1
	17

FRESHMAN II

	Credits
English 2	3
English 4	1
History 2	3
Mathematics 8	3
Biology 4	3
Modern Language 2 or 22	3
Religion 2	1
	17

SOPHOMORE I

	Credits
English 23	3
History 3	3
Modern Language 21 or 31	3
Sociology 21	3
Economics 23	3
Religion 21	1
	16

SOPHOMORE II

	Credits
English 24	3
History 4	3
Modern Language 22 or 32	3
Sociology 22	3
Economics 24	3
Religion 22	1
	16

JUNIOR I

	Credits
Philosophy 101-102	5
History 103	3
History 108	3
Elective (English)	3
Religion 101	1
	15

JUNIOR II

	Credits
Philosophy 103-104	4
History 104	3
History 109	3
Elective (English)	3
Elective (Hist. or Pol. Sci.)	3
Religion 102	1
	17

SENIOR I

	Credits
Philosophy 105-106	4
Philosophy 110	4
History 107	3
History 114	3
Physics 3	3
Religion 110	1
	18

SENIOR II

	Credits
Philosophy 107	4
Philosophy 111	4
History 115	3
Chemistry 4	3
Religion 111	1
	15

Total: 131 credits

BACHELOR OF SCIENCE

Major in Political Science

Freshman I

	Credits
English 1	3
English 3	1
Modern Language 1 or 21	3
History 1	3
Mathematics 7	3
Biology 3	3
Religion 1	1
	17

Freshman II

	Credits
English 2	3
English 4	1
Modern Language 2 or 22	3
History 2	3
Mathematics 8	3
Biology 4	3
Religion 2	1
	17

Sophomore I

	Credits
English 23	3
Modern Language 21 or 31	3
History 3	3
Sociology 21	3
Economics 23	3
Religion 21	1
	16

Sophomore II

	Credits
English 24	3
Modern Language 22 or 32	3
History 4	3
Sociology 22	3
Economics 24	3
Religion 22	1
	16

Junior I

	Credits
Philosophy 101-102	5
Political Science 101	3
Political Science 124	3
Physics 3	3
Elective (English)	3
Religion 101	1
	18

Junior II

	Credits
Philosophy 103-104	4
Political Science 102	3
Political Science 125	3
Chemistry 4	3
Elective (English)	3
Religion 102	1
	17

Senior I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Political Science 105	3
Political Science 131	3
Religion 110	1
	15

Senior II

	Credits
Philosophy 107	4
Philosophy 111	4
Political Science 106	3
Political Science 132	3
Religion 111	1
	15

Total: 131 credits

BACHELOR OF SCIENCE

Major in Sociology

FRESHMAN I

	Credits
English 1	3
English 3	1
Mathematics 7	3
Biology 3	3
History 1	3
Modern Language 1 or 21	3
Religion 1	1
	17

FRESHMAN II

	Credits
English 2	3
English 4	1
Mathematics 8	3
Biology 4	3
History 2	3
Modern Language 2 or 22	3
Religion 2	1
	17

SOPHOMORE I

	Credits
English 23	3
History 3	3
Sociology 21	3
Economics 23	3
Modern Language 21 or 31	3
Religion 21	1
	16

SOPHOMORE II

	Credits
English 24	3
History 4	3
Sociology 22	3
Economics 24	3
Modern Language 22 or 32	3
Religion 22	1
	16

JUNIOR I

	Credits
Philosophy 101-102	5
Sociology 101	3
Physics 3	3
Elective (English)	3
Religion 101	1
	15

JUNIOR II

	Credits
Philosophy 103-104	4
Electives (Sociology)	6
Chemistry 4	3
Elective (English)	3
Religion 102	1
	17

SENIOR I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Electives (Sociology)	6
Religion 101	1
	15

SENIOR II

	Credits
Philosophy 107	4
Philosophy 111	4
Electives (Sociology)	6
Religion 102	1
	15

Total: 128 credits

BACHELOR OF SCIENCE

Major in Education

Freshman I

	Credits
English 1	3
English 3	1
Biology 3	3
History 1	3
Mathematics 7	3
Modern Language 1 or 21	3
Religion 1	1
	17

Freshman II

	Credits
English 2	3
English 4	1
Biology 4	3
History 2	3
Mathematics 8	3
Modern Language 2 or 22	3
Religion 2	1
	17

Sophomore I

	Credits
English 23	3
History 3	3
Modern Language 21 or 31	3
Sociology 21	3
Economics 23	3
Religion 21	1
	16

Sophomore II

	Credits
English 24	3
History 4	3
Modern Language 22 or 32	3
Education 21	3
Economics 24	3
Religion 22	1
	16

Junior I

	Credits
Philosophy 101-102	5
Physics 3	3
Education 104	3
Electives (subject matter)	6
Religion 101	1
	18

Junior II

	Credits
Philosophy 103-104	4
Chemistry 4	3
Education 106	3
Electives (subject matter)	6
Religion 102	1
	17

Senior I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Education 111	3
Education 105	3
Elective (subject matter)	3
Religion 110	1
	18

Senior II

	Credits
Philosophy 107	4
Philosophy 111	4
Education 107	6
Elective	3
Religion 111	1
	17

Total: 137 credits

BACHELOR OF SCIENCE

Major in Psychology

FRESHMAN I

	Credits
English 1	3
English 3	1
History 1	3
Biology 3	3
Mathematics 7	3
Modern Language 1 or 21	3
Religion 1	1
	17

FRESHMAN II

	Credits
English 2	3
English 4	1
History 2	3
Biology 4	3
Mathematics 8	3
Modern Language 2 or 22	3
Religion 2	1
	17

SOPHOMORE I

	Credits
English 23	3
History 3	3
Modern Language 21 or 31	3
Sociology 21	3
Economics 23	3
Religion 21	1
	16

SOPHOMORE II

	Credits
English 24	3
History 4	3
Modern Language 22 or 32	3
Sociology 22	3
Economics 24	3
Religion 22	1
	16

JUNIOR I

	Credits
Philosophy 101-102	5
Psychology 120	3
Psychology 127	3
Physics 3	3
Religion 101	1
	15

JUNIOR II

	Credits
Philosophy 103-104	4
Psychology 121	3
Psychology 128	3
Chemistry 4	3
Education 106	3
Religion 102	1
	17

SENIOR I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Psychology 125	3
Elective	3
Education 111	3
Religion 110	1
	18

SENIOR II

	Credits
Philosophy 107	4
Philosophy 111	4
Psychology 126	3
Psychology 124	3
Religion 111	1
	15

Total: 131 credits

BACHELOR OF SCIENCE

Major in Biology—Pre-Medical Science

Freshman I

	Credits
Biology 1	4
Chemistry 1	4
English 1	3
English 3	1
Mathematics 11	4
Modern Language 1 or 21	3
Religion 1	1
	20

Freshman II

	Credits
Biology 2	4
Chemistry 2	4
English 2	3
English 4	1
Mathematics 12	4
Modern Language 2 or 22	3
Religion 2	1
	20

Sophomore I

	Credits
Biology 21	4
English 23	3
Modern Language 21 or 31	3
Physics 1	4
Religion 21	1
	15

Sophomore II

	Credits
Biology 22	4
English 24	3
Modern Language 22 or 32	3
Physics 2	4
Chemistry 21	4
Religion 22	1
	19

Junior I

	Credits
Philosophy 101-102	5
Biology 103	4
Chemistry 101	4
Elective (Biology)	4
Religion 101	1
	18

Junior II

	Credits
Philosophy 103-104	4
Biology 105	4
Chemistry 102	4
Biology 23	4
Religion 102	1
	17

Senior I

	Credits
Philosophy 105-106	4
Philosophy 110	4
History 1	3
Biology 120	4
Religion 110	1
	16

Senior II

	Credits
Philosophy 107	4
Philosophy 111	4
History 2	3
Biology 121	4
Religion 111	1
	16

Electives: Biology 104
Biology 124
Biology 125
Total: 137 credits

PRE-DENTAL COURSE

FRESHMAN I

	Credits
Biology 1	4
Chemistry 1	4
English 1	3
English 3	1
Mathematics 11	4
Modern Language 1 or 21	3
Religion 1	1
	20

FRESHMAN II

	Credits
Biology 2	4
Chemistry 2	4
English 2	3
English 4	1
Mathematics 12	4
Modern Language 2 or 22	3
Religion 2	1
	20

SOPHOMORE I

	Credits
Biology 21	4
Chemistry 101	4
English 23	3
Modern Language 21 or 31	3
Physics 1	4
Religion 21	1
	19

SOPHOMORE II

	Credits
Biology 22	4
Chemistry 102	4
English 24	3
Modern Language 22 or 32	3
Physics 2	4
Religion 22	1
	19

Total: 78 credits

Since many dental schools are at present accepting a large number of students with 3 or 4 years of college preparation, it is advisable that the pre-dental student consult with department heads before completing his schedule.

BACHELOR OF SCIENCE

Major in Chemistry

Freshman I

	Credits
Chemistry 1	4
English 1	3
English 3	1
Modern Language 1 or 21	3
Mathematics 11	4
Religion 1	1
	16

Freshman II

	Credits
Chemistry 2	4
English 2	3
English 4	1
Modern Language 2 or 22	3
Mathematics 12	4
Religion 2	1
	16

Sophomore I

	Credits
Chemistry 22	4
English 23	3
Modern Language 21 or 31	3
Mathematics 21	4
Physics 1	4
Religion 21	1
	19

Sophomore II

	Credits
Chemistry 21	4
English 24	3
Modern Language 22 or 32	3
Mathematics 22	4
Physics 2	4
Religion 22	1
	19

Junior I

	Credits
Philosophy 101-102	5
Chemistry 101	4
History 1	3
Chemistry 106	2
Chemistry 125	3
Religion 101	1
	18

Junior II

	Credits
Philosophy 103-104	4
Chemistry 102	4
History 2	3
Chemistry 107	2
Elective (Chemistry)	3
Religion 102	1
	17

Senior I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Chemistry 123	4
Chemistry 103	4
Religion 111	1
	17

Senior II

	Credits
Philosophy 107	4
Philosophy 111	4
Chemistry 124	4
Chemistry 126	3
Chemistry 127	1
Religion 112	1
	17

Electives: Industrial Stoichiometry—Chem. 29—2 credits
Unit Processes—Chem. 104—3 credits
Industrial Chemistry—Chem. 105—3 credits
Physiological—Chem. 121 & 122—6 credits

Total: 139 credits

BACHELOR OF SCIENCE

Major in Mathematics

FRESHMAN I

	Credits
English 1	3
English 3	1
Modern Language 1 or 21	3
Mathematics 11	4
Chemistry 1	4
Physics 18	4
Religion 1	1
	20

FRESHMAN II

	Credits
English 2	3
English 4	1
Modern Language 2 or 22	3
Mathematics 12	4
Chemistry 2	4
Physics 19	4
Religion 2	1
	20

SOPHOMORE I

	Credits
English 23	3
Modern Language 21 or 31	3
Mathematics 21	4
Physics 20	4
Economics 23	3
Religion 21	1
	18

SOPHOMORE II

	Credits
English 24	3
Modern Language 22 or 32	3
Mathematics 22	4
Elective (Math. or Physics)	3
Economics 24	3
Religion 22	1
	17

JUNIOR I

	Credits
Philosophy 101-102	5
History 1	3
Mathematics 101	3
Elective (Mathematics)	3
Religion 101	1
	15

JUNIOR II

	Credits
Philosophy 103-104	4
History 2	3
Mathematics 102	3
Elective (Mathematics)	3
Physics 102	3
Religion 102	1
	17

SENIOR I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Mathematics 106	3
Elective (Mathematics)	3
Religion 110	1
	15

SENIOR II

	Credits
Philosophy 107	4
Philosophy 111	4
Mathematics 107	3
Elective (Mathematics)	3
Religion 111	1
	15

Total: 137 credits

BACHELOR OF SCIENCE

Major in Physics

Freshman I

	Credits
English 1	3
English 3	1
Chemistry 1	4
German 1 or 21	3
Physics 18	4
Mathematics 11	4
Religion 1	1
	20

Freshman II

	Credits
English 2	3
English 4	1
Chemistry 2	4
German 2 or 22	3
Physics 19	4
Mathematics 12	4
Religion 2	1
	20

Sophomore I

	Credits
English 23	3
German 21 or 31	3
Mathematics 21	4
Physics 20	4
Religion 21	1
	15

Sophomore II

	Credits
English 24	3
German 22 or 32	3
Mathematics 22	4
Physics 21	4
Religion 22	1
	15

Junior I

	Credits
Philosophy 101-102	5
History 1	3
Mathematics 101	3
Physics 101	3
Physics 104	4
Religion 101	1
	19

Junior II

	Credits
Philosophy 103-104	4
History 2	3
Mathematics 102	3
Physics 102	3
Physics 105	4
Religion 102	1
	18

Senior I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Mathematics 106	3
Physics 110	3
Physics 114	1
Religion 110	1
	16

Senior II

	Credits
Philosophy 107	4
Philosophy 111	4
Mathematics 107	3
Physics 111	3
Physics 115	1
Physics 120	1
Religion 111	1
	17

Total: 140 credits

BACHELOR OF SCIENCE

Major in Accounting

FRESHMAN I

	Credits
Business 1	4
Business 3	3
Business 5	3
English 1	3
English 3	1
Modern Language 1 or 21	3
Religion 1	1
	18

FRESHMAN II

	Credits
Business 2	4
Business 4	3
Business 6	3
English 2	3
English 4	1
Modern Language 2 or 22	3
Religion 2	1
	18

SOPHOMORE I

	Credits
Business 21	4
Business 25	3
English 23	3
Economics 23	3
Modern Language 21 or 31	3
Business 29	1
Religion 21	1
	18

SOPHOMORE II

	Credits
Business 22	4
Business 26	3
English 24	3
Economics 24	3
Modern Language 22 or 32	3
Business 30	1
Religion 22	1
	18

JUNIOR I

	Credits
Philosophy 101-102	5
Business 101	3
Business 103	3
Business 105	3
History 1	3
Religion 101	1
	18

JUNIOR II

	Credits
Philosophy 103-104	4
Business 102	3
Business 104	3
Business 106	3
History 2	3
Religion 102	1
	17

SENIOR I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Business 120	3
Business 122	3
Business 126	4
Religion 110	1
	19

SENIOR II

	Credits
Philosophy 107	4
Philosophy 111	4
Business 121	3
Business 123	3
Religion 112	1
	15

Total: 141 credits

BACHELOR OF SCIENCE

Major in General Business

Freshman I

	Credits
Business 1	4
Business 3	3
Business 5	3
English 1	3
English 3	1
Modern Language 1 or 21	3
Religion 1	1
	18

Freshman II

	Credits
Business 2	4
Business 4	3
Business 6	3
English 2	3
English 4	1
Modern Language 2 or 22	3
Religion 2	1
	18

Sophomore I

	Credits
Business 21	4
Business 25	3
English 23	3
Modern Language 21 or 31	3
Economics 23	3
Business 29	1
Religion 21	1
	18

Sophomore II

	Credits
Business 22	4
Business 26	3
English 24	3
Modern Language 22 or 32	3
Economics 24	3
Business 30	1
Religion 22	1
	18

Junior I

	Credits
Philosophy 101-102	5
Business 103	3
Business 105	3
Business 107	4
History 1	3
Religion 101	1
	19

Junior II

	Credits
Philosophy 103-104	4
Business 104	3
Business 106	3
Business 108	4
History 2	3
Religion 102	1
	18

Senior I

	Credits
Philosophy 105-106	4
Philosophy 110	4
Business 126	4
Elective (Business)	4
Religion 110	1
	17

Senior II

	Credits
Philosophy 107	4
Philosophy 111	4
Electives (Business)	4
Religion 111	1
	13

Total: 139 credits

PRE-ENGINEERING

Freshman I

	Credits
English 1	3
English 3	1
Mathematics 11	4
Chemistry 1	4
Engineering 3	2
Physics 18	4
Religion 1	1
	19

Freshman II

	Credits
English 2	3
English 4	1
Mathematics 12	4
Chemistry 2	4
Engineering 4	2
Physics 19	4
Religion 2	1
	19

Sophomore I

	Credits
English 23	3
Engineering 21	4
Physics 20	4
Mathematics 21	4
Engineering 23	3
or	
Chemistry 22	4
Religion 21	1
	19-20

Sophomore II

	Credits
English 24	3
Engineering 22	4
Mathematics 22	4
Engineering 24	3
or	
Chemistry 29	2
Chemistry 21	4
or	
Engineering 30	4
Religion 22	1
	18-19

Total: 75-77 credits

Courses of Instruction

DEPARTMENT OF FINE ARTS

Mr. Mann, Mr. Mundy

5. *Art Appreciation* — *3 credits*

A survey course devoted to the interpretation and appreciation of architecture, sculpture and painting. Egypt and Mesopotamia. Aegean civilization. Greece and Rome. Early Christian and Byzantine art. Romanesque and Gothic art.
One semester

6. *Art Appreciation* — *3 credits*

A continuation of Art. 5. Renaissance architecture and sculpture. Italian schools of painting. Baroque art. Painting in the Low Countries and England. French painting from classicism to post-impressionism. Modern painting illustrated by cubism, non-objectivism, expressionism and surrealism.
One semester

7. *Music Appreciation* — *3 credits*

This course is designed to present such information as is necessary for the intelligent enjoyment of the various forms of music. It includes a survey of musical history from the ancient period, including the ancient Greek, through the transition from the Greek to the early Christian Church and the Medieval period. Lectures are illustrated by recordings and piano.
One semester

8. *Music Appreciation* — *3 credits*

A continuation of Music 7. Treats the musical history of the fifteenth century and the rise of the national schools; instruments and instrumental music, the Romantic period, the twentieth century and music in America.
One semester

DEPARTMENT OF BIOLOGY

Dr. Wolf, *Chairman*; Mr. Beining. S.J., Fr. Harley, Mr. Kruper, Mr. Reiser

Courses in the Department of Biology are designed to achieve the following objectives: 1. To further the general education of the individual by presenting the fundamental facts and concepts which are needed for an understanding of the living world and his relations to it. 2. To train the individual in analytical thinking and to acquaint him with the operation of the "scientific method." 3 To develop habits of precision, accuracy, curiosity, critical evaluation, neatness and patience together with skill in laboratory techniques. 4. To prepare students for professional schools such as those of Medicine, Dentistry and allied fields or for advanced study or work in other biological fields.

1 & 2. *General Biology* *8 credits*

This course is a comprehensive survey of all the types of living organisms from the standpoint of their structures, functions, development and relationships. Representatives of the important plant and animal phyla are studied from these aspects with major emphasis on the animal groups. The course also deals with general biological principles such as the nature of life, the organization of living beings, the problems of heredity, development and evolution. It is a prerequisite for all other courses given in the department unless the contrary is specifically indicated. 2 hours lecture and 4 hours lab.
Two semesters

3 & 4. *General Biological Sciences* *6 credits*

This is a cultural course in which general biological principles and problems are emphasized especially as they affect the human race and in relation to human problems. It covers, in less detail, the same subject matter as the preceding course and aims at the inculcation of a more generalized knowledge of the major biological principles. Demonstrations are used extensively to supplement laboratory work. 2 hours lecture and 2 hours lab. No prerequisites.
Two semesters

21 & 22. *Comparative Vertebrate Anatomy* *8 credits*

The gross anatomy and phylogeny of the organ systems in the vertebrate organism are considered with special emphasis upon the mammalian type. Insofar as possible structure is correlated with function again with special reference to mammalian physiology. Type animals of the major vertebrate classes are studied in the laboratory with dissection confined to the shark, necturus, turtle, pigeon and cat. 2 hours lecture and 4 hours lab. Prerequisite: Biology 1 and 2.
Two semesters

23. *Genetics* *4 credits*

The purpose of this course is to give the student a fundamental knowledge of the basic principles and modern theories of heredity as developed by experimental, biometrical and cytological methods. Consideration is given to the practical application of the laws governing inheritance in the fields of plant and animal breeding and human heredity. 2 hours lecture and 4 hours lab.
One semester

101. *General Botany* *3 credits*

This course deals with the four major subdivisions of the plant kingdom, studying representative types from the standpoint of structure and function and the illustration of biological principles. 2 hours lecture and 2 hours lab. Prerequisite: Biology 1 and 2.
One semester

102. *General Zoology* *4 credits*

In this course a more detailed study is made of the animal organism with the work confined almost entirely to representatives of the invertebrate phyla. Detailed studies are made of structure and relationships. 2 hours lecture and 4 hours lab. Prerequisite: Biology 1 and 2.
One semester

103. *Histology* *4 credits*

This course is concerned primarily with the microscopic structure and the functioning relations of vertebrate tissues and organ systems with most attention devoted to the mammal. 2 hours lecture and 4 hours lab. Prerequisite: Biology 21 and 22.
One semester

104. *Microtechnique* *4 credits*

A course of training in the preparation of animal and plant tissues for microscopic examination. General methods of preparing histological specimens are covered in detail with special techniques included as time and interest permit. 1 hour lecture and 6 hours lab. Corequisite: Biology 103.
One semester

105. *Embryology* *4 credits*

A large part of the course is devoted to the early stages of development where gametogenesis, fertilization, cleavage, gastrulation and the formation of germ layers are treated from a comparative viewpoint. The development of general body form, of organs and of organ systems is then studied largely as it occurs in frog, chick and mammal. 2 hours lecture and 4 hours lab. Prerequisite: Biology 21 and 22.
One semester

120. *General Physiology* *4 credits*

This course deals with the basic principles and concepts underlying the functioning of the animal organism. The functions of the major organ systems are studied with special attention given to the correlation and integration of these processes in the organism. 2 hours lecture and 4 hours lab. Prerequisites: Biology 21 & 22, Chemistry 101-102, and Physics 1-2.
One semester

121. *Introductory Bacteriology* *4 credits*

Presented from the biological rather than from the strictly medical standpoint, this course is a study of bacteria as microorganisms whose life habits involve metabolic activities which have an important bearing upon human affairs. A survey of the pathogens is included with an introduction to the principles of immunology. 2 hours lecture and 4 hours lab. Prerequisites: Biology 21, 22, Chemistry 101-102, and Physics 1-2.
One semester

122. *Advanced Bacteriology* *4 credits*

This is an extension of the preceding course and involves a more detailed study of the principles and practices of bacteriology with emphasis upon the special cultural methods and tests employed in the growth and preparation of bacterial organisms. Consideration is given to serological tests and the principles upon which they are based. 2 hours lecture and 4 hours lab. Prerequisite: Biology 121.

One semester. Not offered 1950-51.

123. *Biology Seminar* *1 credit*

The work of this course is based on recent advances in all fields of biological research and the discussion of basic problems of biology in the light of modern research results. The seminar method is used with each student contributing prepared papers and taking part in discussions. One 2 hour discussion period. Prerequisite: 20 credits in Biology.

One semester

124. *Undergraduate Research and Thesis*

Reserved for advanced students with satisfactory preparation in the biological and physical sciences who are desirous of acquiring methods in biological research. The subject of the problem, time and credits are to be arranged individually. Prerequisites: 20 credits in Biology, Chemistry 101-102, Physics 1-2.

125. *Fundamentals of Parasitology* *3 credits*

The course is concerned with the classification, structure, reproductive life cycles and host relationships of the most common parasites of the animal phyla. Diseases and symptoms in relation to parasitic conditions of vertebrates will be stressed. Laboratory work includes the recognition and analysis of the various parasitic forms and media in which they are produced. 2 hours lecture and 2 hours laboratory. Prerequisites: 20 credits in Biology.

One semester

DEPARTMENT OF BUSINESS ADMINISTRATION

Dr. Senker, *Chairman;* Mr. Artabane, Mr. Buckley, Mr. Doherty, Mr. Gallagher, Mr. Houlihan, Mr. Kennedy, Mr. McLean, Mr. O'Malley, Mr. Richards, Mr. Shaffer, Mr. Sicherman, Mr. Villaume, Mr. Walsh

The courses in Business Administration are designed to achieve the following objectives:

1. To develop the cultural, intellectual and moral qualities of the student through an intensive study of cultural subjects and business problems.

2. To teach the student to think clearly and logically, and to develop his application of the analytical approach in solving current business problems.

3. To encourage individuality of thought and expression by the student, and thereby develop future civic and industrial leaders.

4. To impart a training for executive positions in the business world by the study of Accounting, Law and theoretical as well as applied Economics; to serve as a preliminary training for those wishing to enter the field of Law itself; and to intensively train those wishing to enter the field of public or private accounting.

1. *Elementary Accounting* *4 credits*

Meaning and purpose of accounting. Development of the accounting equation. Detailed study of the balance sheet and profit and loss statement. The ledger record of business activities. Account and ledger technique, including complete bookkeeping procedures. Adjustments. The journal and its subdivisions. Special journals, their problems and expansion. Ledger subdivision and control accounts. Business papers, the first record of business transactions. Negotiable instruments. The worksheet and summary statements. Completing the ledger record.
One semester

2. *Elementary Accounting* *4 credits*

Partnership formation and operation. Division of profits. Financial statements of a partnership. Methods of admitting a new partner. Partnership dissolution and liquidation. Organization and operation of the corporation. Detailed study of classification and accounting techniques for capital stock, bonds, mortgages, sinking funds and reserves. Corporate financial statements and their preparation. Changing from a partnership to a corporation. The voucher system. Accounting for the manufacturing concern. Departmental accounting. Inventory valuation and control. Analysis and interpretation of financial statements. Prerequisite: Bus. 1.
One semester

3. *Business Mathematics* *3 credits*

A review of basic high school mathematics in preparation for accounting, statistics and other required business courses on the college level. Fundamental processes and short methods for the accountant. Checking computations. Factors and multiples. Common fractions. Fundamentals of algebra. Progression. Logarithms. Percentage in all its applications. Cash, trade and bank discounts. Commissions. Simple interest. Partial payments. Averages.
One semester

4. *Accounting Mathematics* *3 credits*

A continuation of business mathematics with particular emphasis on computations necessary for the solution of accounting problems. Inventories. Gross profit computations. Business insurance. Payroll records and procedures. Partnerships. Goodwill. Business finance. Public finance and taxation. Com-

pound interest. Ordinary, life and special annuities. Bond valuation and bond interest. Asset valuation. Building and Loan Associations. Prerequisite: Bus. 3.
One semester

5. *Business Law* *3 credits*
Introduction to the study of Law. Its nature, administration and the various tribunals. Nature of a contract. Statutory and case law principles of contracts. Formation of a contract by offer and acceptance. Consideration. Capacity of parties. Unenforceable contracts. Statute of Frauds. Performance of contracts—conditions and excuses for non-performance. Rights of third parties. Assignments.
One semester

6. *Business Law* *3 credits*
Statutory and case law principles of Negotiable Instruments. Types of negotiable instruments. Issuance and negotiation of promissory notes, drafts and checks. Holders in due course. Rights and liabilities of parties to negotiable instruments. Sales of personal property. Passage of title, risk of loss and seller's warranties. Rights and remedies of unpaid seller. Prerequisite: Bus. 5.
One semester

21. *Advanced Accounting* *4 credits*
Continuation of first year accounting and its application in more complex business situations. Correlation of partnership law with accounting procedure. Detailed analysis of content and preparation of corporate balance sheets. Special problems: Installment Accounting, Capital Stock, Surplus and Partnership liquidation. Prerequisite: Bus. 2.
One semester

22. *Advanced Accounting* *4 credits*
Specialized accunting problems and accepted methods for their solution. Statement of Application of Funds, Statement of Affairs, Bankruptcy and Receivership Accounts, Estate and Trust Accounting, Consignments, Agency and Branch Accounting and Joint Ventures. Comprehensive study of Consolidated Balance Sheets and Profit and Loss Statements. Prerequisite: Bus. 21.
One semester

25. *Business Law* *3 credits*
Statutory and case law principles of Partnerships and Corporations. Characteristics of both organizations. Rights, duties, powers and liabilities of partners among themselves and in relation to third parties. Powers of corporations. Membership in corporations. Rights of stockholders. Management of corporations. Prerequisite: Bus. 6.
One semester

26. *Business Law* *3 credits*
Statutory and case law principles of Real Property. Conveyancing of real property. Principles of mortgage law. Principles of landlord and tenant law. Prerequisite: Bus. 25.
One semester

29 & 30. *Fundamentals of Business* *2 credits*
A survey and orientation course designed for the student to enable him to select a major field of concentration. The background of business. Forms of business organization. The product to be marketed. Physical facilities of plant, equipment and layout. The working force and its control. Financing the business. The production process. Selling the product. Internal controls. Business risks. Business growth. Business policy.
Two semesters

101. *Cost Accounting* *3 credits*
Basic principles of cost accounting and their practical application in the development of cost accounting procedures. The principles of process cost and specific order cost systems. Practical applications. Development and installation of cost systems. Prerequisites: Bus. 22.
One semester

102. *Cost Accounting* *3 credits*
Principles of Estimated Cost Systems, Standard Costs and the Control of Distribution Costs. Practical applications. The development of budgets as a basis for cost control. Specialized cost treatments. Graphic presentation of costs. Reports for executive direction. Prerequisite: Bus. 101.
One semester

103. *Money and Banking* *3 credits*
A general survey of the field of money, credit and prices and an introduction to the study of commercial banking. Evolution of money media, functions of money, monetary standards and the present monetary system of the United States. Commercial banking operations and the use of bank credit in financing business. History of banking in the United States. The operations of a commercial bank. Banking transactions. Recent legislation affecting money, credit and banking in the United States. Prerequisite: Econ. 24.
One semester

104. *Money and Banking* *3 credits*
A detailed study of commercial bank operations. Bank reserves, deposits and bank notes. Loans and Discounts. Bank Investments. The credit department. Interbank relations including chain, group and branch banking. The Clearing House and the Par Collection System. The Federal Reserve System. The money markets. Foreign exchange and the methods of financing foreign

trade. The Banking System of the United States. Banking problems of today. Prerequisite: Bus. 103.
One semester

105. *Business Statistics* *3 credits*
Statistical methods, their importance and use in the modern business enterprise. Cautions in their use and interpretation. Initiating and conducting a statistical investigation. Sampling and the concept of error. Tabular and graphic presentation of statistical data. The frequency distribution. Averages. Dispersion and skewness. Dispersion of statistics computed from samples. Prerequisite: Econ. 24.
One semester

106. *Business Statistics* *3 credits*
Index number construction and interpretation. Current indices used to measure business activity, prices, wages, cost of living, etc. Time series analysis. Related time series. Correlation and forecasting. The application of statistical methods to the analysis of business data and industrial problems. Prerequisite. Bus. 105.
One semester

107. *Marketing* *4 credits*
The distribution of a product from its very inception to its use by the ultimate consumer. Co-operative marketing, the marketing problems of the individual business, market research and analysis and the choice of marketing channels. All problems are reviewed in the light of the marketing systems of the United States with direct emphasis upon selling through chains, wholesalers, jobbers and direct distribution to retailers and consumers. Prerequisite: Econ. 24.
One semester

108. *Industrial Management* *4 credits*
The principles and problems of the business enterprise from the executive point of view. The economic background of management. Theory of specialization, simplification, standardization and diversification. Problems of industry, including location, machinery and equipment, layout, raw materials control, time and motion study and cost control. Field trips to representative industries are conducted to illustrate the theory presented. Prerequisite: Econ. 24.
One semester

120. *Auditing Theory* *3 credits*
The verification of accounts and their presentation in financial statements. A review of "generally accepted accounting principles" and an introduction to applicable auditing standards. Types of audits, relationship with the client, audit programs, the preparation of reports and the ethics of the profession. Prerequisite: Bus. 22.
One semester

121. *Auditing Applications* *3 credits*
An intensive application of the theory of audits to specific cases and problems. The preparation and indexing of working papers. Selective testing. Positive and negative confirmations. Review of internal controls. Tax return audits. Types of reports currently employed. Typical audits of department stores, processing companies, investment trusts, public utilities, fraternal organizations and other enterprises. Prerequisite: Bus. 120.
One semester

122. *Federal Taxation and Procedure* *3 credits*
The federal system of taxation insofar as it concerns the individual taxpayer. The nature of taxable income. A study of the Internal Revenue Code, regulations and selected materials relating to individual tax accounting. The preparation of Internal Revenue Form 1040. Pay-as-you-go Federal Tax System and required returns. Gross income, items included and excluded. Allowable deductions and credits. Filing of returns. Specialized tax accounting requirements for the individual businessman. Prerequisite: Bus. 22.
One semester

123. *Federal Taxation and Procedure* *3 credits*
A study of the Internal Revenue Code, regulations and selected materials relating to partnerships, estates and trusts, and corporations. The taxing powers and tax systems of states and their municipal subdivisions; state income, municipal income, capital stock, franchise, loans, bonus, escheat, personal property and real property taxes. Federal estate tax and state inheritance and estate taxes. Miscellaneous federal taxes and the Social Security System. Prerequisite: Bus. 122.
One semester

124. *Accounting Systems* *3 credits*
Principles of installation. The peculiarities of the various forms of business enterprise and their effect on system installations. A study of the problems, systems and reports of Contractors, Departmental Stores, Building and Loan Associations, Commercial Banks, Insurance companies, Security and Commodity Brokers, Water Utilities, Railroads, Motor Carriers, Air Transportation companies and Municipalities. Prerequisite: Bus. 22.
One semester

125. *C.P.A. Problems* *3 credits*
A detailed review of problems and questions taken from current examinations given by various states to candidates for the degree of Certified Public Accountant. Partnerships, Corporations, Auditing, Cost Accounting, Taxation, Municipalities and Consolidations. Prerequisite: Bus. 102.
One semester

126. *Corporation Finance* *4 credits*

The financial structure and problems of the modern business corporation. Common types of securities. Promotion, including the parts played by promoters, investment banker and the security dealer. Determination, management and distribution of income. Financial problems of expansion including changes in the financial plan. Securing funds for expansion. Failure of corporations, reorganizations, readjustments and receiverships. Bankruptcy and liquidation. Prerequisite: Bus. 104.
One semester

130. *Investment Banking* *4 credits*

The organization and work of investing institutions, institutional investors, mortgage banking houses and the stock exchanges. The theory of investment banking and its relation to the business cycle, to credit analysis and to the money market. The practices of investment houses, including the work of negotiation, purchase, underwriting and distribution of new issues. The effect of recent security legislation on investment banking practices. Prerequisite: Bus. 104. Not to be offered 1950-51.
One semester

131. *Insurance* *4 credits*

The underlying principles upon which all forms of insurance are based. The most common policies affecting the individual purchaser of insurance and the business man are thoroughly analyzed. Life, Fire and allied lines, Casualty (including General Liability, Automobile Liability, Comprehensive Liability, Workmen's Compensation, Fidelity and Surety Bonds), Accident and Health (including Hospitalization) and Marine Insurance. Prerequisite: Bus. 104.
One semester

132. *Investments* *4 credits*

The distinction between the various types of investment securities. Mathematics of investments. Protection of the purchaser in buying, holding and refunding securities. The application of the recognized tests of safety, income and marketability in their selection. Underlying principles in the analysis of government, municipal, railroad, utility, industrial, bank, insurance company, real estate and foreign securities. Effects of recent and current legislation on investment procedure. Prerequisite: Bus. 104.
One semester

133. *The Money Markets* *4 credits*

The historical development and functions of the money markets of the world, their relationship to international banking and to the capital market. The structure and operation of the several components of the New York money market and their relationship to the financial activities of the U. S. Treasury

and the Federal Reserve Banks. Prerequisite: Bus. 104. Not to be offered 1950-51.
One semester

134. *Public Finance* *4 credits*
The development of public finance. Public revenues, including the general property tax, the income tax, death and gift taxes, taxes on business, taxes on consumption, motor vehicle taxes, the poll tax, social security taxes and taxes on natural resources. Shifting and incidence of taxation. Public credit. Public expenditures, including state and federal aids, public works and public welfare. Problems of public borrowing. Fiscal administration, fiscal policy and the business cycle. Prerequisite: Bus. 104.
One semester

140. *Advertising* *4 credits*
The scope and function of advertising from both the mechanical and managerial points of view. The actual practice of preparing layouts, copywriting and proofreading is combined with the analysis of sales problems and policies within a company. The various advertising media such as newspapers, magazines, direct mail, radio and television reviewed in the light of practical problems. Prerequisite: Bus. 107.
One semester

141. *Retail Merchandising* *4 credits*
The practices and procedures directly concerned with the buying and selling of goods at retail for a profit. Particular emphasis is directed toward present day buying methods of a variety of retail merchandise. The problems of store layout, pricing, customer and product analysis and inventory control are subjected to close scrutiny through the medium of actual cases. Prerequisite: Bus. 107.
One semester

142. *Retail Store Management and Operation* *4 credits*
The theory and problems of managing a retail store from the store manager's point of view. The statistical aspect of retailing, including a review of operating expenses, budgetary control and wage costs. Systematic procedures in the receiving department, handling the goods, the service division, the adjustments department and the credit department. Purchasing policies and procedures. Minimizing operating expenses. Prerequisite: Bus. 107.
One semester

143. *Salesmanship* *4 credits*
The technique of dealing with the difficulties which are created by the salesman himself, his product and his prospects. The duties of the sales manager, the selection and training of salesmen, compensation, routing of salespeople, interdepartmental relations concerning selling activities, sales promotion and re-

search. Commodity analysis, customer approach and the sales talk. Prerequisite: Bus. 107.
One semester

144. *Industrial Purchasing* *4 credits*
This course is designed to cover procurement by manufacturers, wholesalers and retailers engaged in private industry. Topics covered include a survey of the field with emphasis on the increasing recognition being given to industrial procurement; the organization necessary for procurement; the determination of quality inspection of purchases; inventory control methods; price policies; forward buying and speculation; and the procurement budget. The classroom discussion will be supplemented by cases which will be designed to show not only the problems of procurement but also its interrelationship with the other necessary functions of a business establishment. Prerequisite: Bus. 108.
One semester

150. *Traffic Management* *4 credits*
This course combines the economics of transportation and the work of the traffic manager. Types of carriers, including railroad, motor, pipe line, air and water. Freight classification, rates, tariffs, special services, regulation, tracing, expediting, claims, and procedures before regulatory bodies for each type of carrier. Prerequisite: Econ. 24.
One semester

151. *Production Management* *4 credits*
Application of the principles of scientific management to production. Operation analysis, work simplification and production control including routing, scheduling, dispatching and follow up of work orders. Purchasing, classification and control of inventories. Recruitment, selection, adjustment and termination of laborers. Wage incentive systems. Prerequisite: Bus. 108.
One semester

152. *Factory Management* *4 credits*
The basic principles and methods of factory organization, operation and control. Methods of production, functional organization of the factory, machinery, equipment and tools. Materials handling equipment. Factory standards and records. Layout of plant. Time and motion studies. Stores management, inspection and follow-up of goods. Inspection trips to various types of industries are made. Prerequisite: Bus. 108.
One semester

153. *Personnel Management* *4 credits*
The management of personnel for both industrial and commercial types of organizations is included. The background of personnel management. Job

analysis, classification and evaluation. Incentive wage systems and merit rating. Sources of supply of workers, selection, interviewing, testing, transfer, promotion and training. Dealing with unions. The Labor-Management Relations Act of 1947. Safety and health, economic security and service activities. Research and statistics on personnel. Prerequisite: Econ. 24.
One semester

154. *Real Estate Management* *4 credits*
The fundamentals and problems of the real estate business, including such matters as contracts, deeds, encumbrances and taxes. Auction sales, leases and brokerages. Mortgages, mortgage servicing, real estate appraisal and valuation. Recent and current legislation concerning real estate, including the G.I. Bill of Rights and rent control. Prerequisite: Econ. 24. Not to be offered 1950-51.
One semester

155. *Office Management* *4 credits*
This course covers the practical duties of the office manager. His work is viewed toward achieving greater economy and efficiency. The working departments of the office, filing, transcription and general service. Office planning, layout and equipment. Office manual and training. Office costs and budgets. Personnel problems including selection, hiring, transfer, promotion, job analysis, evaluation, classification, and salary schedules. Office systems, routines and procedures. Prerequisite: Econ. 24.
One semester

157. *Industrial Relations* *4 credits*
The study of the economic forces which have engendered labor legislation, and a careful analysis of the effect of resulting conditions on employer-employee relationships. A survey of the Acts of Congress of the United States and the Legislature of the Commonwealth of Pennsylvania in the field of industrial relations. A discussion of pertinent decisions. The subject matter includes a study of the evolution of legislation, the history of industrial disputes and their influence upon labor-management relations in the fields of law, economics and industrial management. The purpose of this course is to give the student majoring in General Business and concentrating in Management or Economics a comprehensive knowledge of the problems involved, and their possible solutions, in the fields of Labor-Management relationships. Pre-requisites: Bus. 108 and Econ. 24.
One semester

160. *Business Policy* *4 credits*
The aim of the course is to co-ordinate the work given in the specialized business courses, to show the interrelation between economic theory and business problems, and to indicate the place of public relations in management. Actual

cases in business problems are analyzed and studied, and individual research in business problems is conducted by the student. Prerequisite: Econ. 24 and Bus. 104.
One semester

161. *Credits and Collections* *4 credits*
The handling of credits and collections for the different types of business organizations. Establishment and verification of the credit position of a firm or individual. Sources of credit information. A review of the law of credit instruments. The Credit letter. The Collection letter. Collection methods. The place of bank credit departments in determining a line of credit. Prerequisite: Bus. 104.
One semester

201. *C.P.A. Refresher* *Optional credit*
The C.P.A. Refresher course is a highly intensive, integrated, preparatory review for those aspiring to sit for the Fall Certified Public Accounts examination in the Commonwealth of Pennsylvania. The course begins in June and continues 20 weeks, 8 hours per week consisting of two sessions of four hours each, ending immediately prior to the date of the State C.P.A. examinations. It is available for those actually practicing accounting or for students who have recently graduated with a major in Accounting. This comprehensive review covers the following subject matter: Partnerships; Corporations; Assets; Liabilities and Net Worth; Auditing; Cost Accounting; Consolidations; Federal and State Taxation; Estates and Trusts; Business Law; Accounting for Contractors, Department Stores, Utilities, Insurance Companies, Banks, Brokers, Railroads, Motor Transportation Companies, Building and Loan Associations, and Municipalities. A feature of the course is an integration of accounting, law and taxation by subject matter. Due to the special nature of the course and the intensity of the preparation required by way of study and experience on the part of the student, permission of the director of the course is required for admission to class. The fee for the course will be $250, payable $50 per month in advance. College credit will be granted for those requiring it for a degree.

DEPARTMENT OF CHEMISTRY

Fr. Cawley, *Chairman*; Mr. Burti, Dr. Holleran, Mr. Lamberti, Mr. Murphy, Mr. Murray, Mr. Neary, Mr. Witkoski

The aims of the department are: 1. To train students to think accurately and logically, to develop an analytical type of mind, and to inculcate the scientific method of attacking a problem not only in chemistry but in other fields of endeavor. 2. To develop character traits such as patience, pertinacity, honesty and neatness, which are indispensable to the scientist. 3. To train the student for a position carrying some degree of responsibility, either as an advanced student in a graduate school or as a member of the staff of an educational, industrial or research institution.

1 & 2. *Inorganic Chemistry* *8 credits*

A study of the laws, theories and principles of General Chemistry with a survey of the principal elements and their important compounds. Laboratory work exemplifies the classroom discussion. 3 hours lecture and 3 hours lab.

Two semesters

4. *General Physical Science—Chemistry* *3 credits*

An introductory study of chemical science, its progress and contribution to modern civilization. The course offers an adequate treatment of experimental facts, scientific theories and generalizations concerning the chemical nature of matter, its composition and changes in composition. For non-technical students. Student participation in laboratory exercises and demonstrations will supplement the lecture material. Two hours lecture and two hours laboratory and demonstrations per week.

One semester

21. *Quantitative Analysis* *4 credits*

A survey of the general principles of gravimetric, volumetric and electrolytic analyses. Laboratory work stresses technique. 2 hours lecture and 6 hours lab. Prerequisites: Chem. 1, 2 and 22.

One semester

22. *Qualitative Analysis* *4 credits*

A study of the principles of ionization, oxidation-reduction, solubility product and complex-ion formation. The laboratory work involves the semi-micro technique in the detection and separation of cations and anions. 2 hours lecture and 6 hours lab. Prerequisites: Chem. 1 and 2.

One semester

29. *Industrial Stoichiometry* *2 credits*

A survey of industrial chemical processes and calculations, stressing fuels, sulphur compounds, lime, cement and metallurgy. 2 hours lecture. Prerequisites: Chem. 1 and 2.

One semester

101 & 102. *Organic Chemistry* *8 credits*

An introduction to the chemistry of the principal aliphatic and aromatic compounds of carbon and their derivatives. Laboratory work includes investigation of the chemical properties of the compounds studied, and several of the more important organic preparations. Prerequisites: Chemistry 1 and 2. 3 hours lecture and 3 hours laboratory.

Two semesters

103. *Advanced Organic Chemistry* *4 credits*
A continuation of Chem. 101-102, including a study of the alicyclics and heterocyclics, the organic dyes and the naturally occurring compounds of carbon. Laboratory work will consist of a number of the more difficult syntheses and will require some investigation of the original literature. 2 hours lecture, 6 hours laboratory. Prerequisites: Chem. 101 and 102.
One semester

104. *Unit Processes in Organic Chemistry* *3 credits*
A study of typical synthetic processes such as nitration, amination, diazotization, sulfonation, halogenation, oxidation, hydrogenation, esterification and polymerization, considering reactants, mechanism of reactions, physical and chemical factors involved, equipment and typical commercial applications. Three hours lecture. Prerequisite: Chem. 102.
One semester

105. *Industrial Chemistry* *3 credits*
A study of the Chemical and Process industries from the basic chemical reactions to finished products, including materials, methods and equipment. Three hours lecture. Prerequisite: Chem. 102.
One semester

106 & 107. *Advanced Inorganic Chemistry* *4 credits*
A detailed study of the chemical properties of elements with regard to the electronic structures and sizes. The Periodic System is the basis for such study. Emphasis is placed on industrial and economic aspects dealing with some of the more common elements. Two hours lecture. Prerequisites: Chem. 1 and 2.
Two semesters

121 & 122. *Physiological Chemistry* *6 credits*
A study of the nature and important reactions of carbohydrates, fats, proteins; their digestion, absorption and metabolism in the body. 2 hours lecture and 3 hours lab. Prerequisites: Chem. 101, 102 and Chem. 21.
Two semesters

123 & 124. *Physical Chemistry* *8 credits*
A study of the physico-chemical properties of matter and the dynamics of chemical reactions. Laboratory experiments illustrate the principles studied. 3 hours lecture and 3 hours lab. Prerequisites: Chem. 21, 22; Math. 21, 22.
Two semesters

125. *Advanced Quantitative Analysis* *3 credits*
A survey of advanced methods of analysis using specialized apparatus. The analysis of alloys, ores and mixed salts is emphasized. 1 hour lecture and 6 hours lab. Prerequisites: Chem. 21 and 22.
One semester

126. *Organic Analysis* *3 credits*
A study of systematic classification and identification of organic compounds from their solubilities and group reactions. 1 hour lecture and 6 hours lab. Prerequisites: Chem. 101 and 102.
One semester

127. *Chemical Literature* *1 credit*
A study of the published source material of chemical science and chemical industry. The course includes practical instruction in library technique. One hour lecture.
One semester

DEPARTMENT OF CLASSICAL LANGUAGES

Mr. O'Brien, S.J., *Chairman*; Mr. Kelley, Mr. Mann

The objectives of the classical department are: first, to develop in the student the ability to read easily and to compose readily in Latin and Greek; secondly, through the unrivaled discipline afforded by the tongues of Greece and Rome to train the student in habits of accurate observation, orderly procedure, analysis, logical and inferential thinking; thirdly, to develop the student's powers of appreciation and expression by a thorough study of the matchless artistry of classical literature; and finally to give him a comprehensive understanding of the human values of Graeco-Roman culture in both its pagan and patristic phases and of its profound contributions to modern civilization.

I. Greek

1 & 2. *Elementary Greek* *8 credits*
A complete course in the fundamentals of classical Greek, with selected readings and composition work to illustrate the grammar.
Two semesters

3. *Herodotus* *4 credits*
Selections illustrating the Greek spirit of "historia," the informing spirit of western civilization, and the Greek defense of western against eastern culture.
One semester

4. *Plato* *4 credits*
The Apology and selections from the Crito and Phaedo are read. A study of one of the noblest characters of antiquity, his ideals and his effect on western thought.
One semester

21. *Demosthenes; Euripides* *4 credits*
Reading and idiomatic translation of the Olynthiac or Philippic Orations of Demosthenes. These are studied from the point of view of oratorical compo-

sition and as a presentation of the Greek ideal of freedom together with the causes leading to its collapse. The Alcestis of Euripides is studied with special attention being given to its literary significance and to the style of Attic drama.
One semester

22. *Demosthenes' Crown Oration* *4 credits*
The Crown Oration is studied as a model of rhetoric, with discussion of the classic schools of oratory. Special attention will be given to the history of Greece in its struggle against the onslaught of oppression.
One semester

23. *Sophocles* *4 credits*
This course offers a detailed study of Sophocles' Oedipus Tyrranus as a masterpiece of dramatic art, with an analysis of the structure, the spirit and the character delineation of Greek tragedy, and a discussion of the influence of Sophoclean style on modern drama.
One semester

101. *Plato's Republic* *3 credits*
A study of Greek thought; the soul, education, justice, government, the Ideas.
One semester

102. *Homer* *3 credits*
Selections from the Iliad and Odyssey with a comparative study of the Latin, Italian and English epics. A study of the Greek spirit revealed in its great epics.
One semester

103. *Aristotle* *3 credits*
Selected readings from the Ethics and Politics in which Aristotle's influence on western philosophy is carefully analyzed. Not offered 1950-1951.
One semester

104. *New Testament Greek* *3 credits*
The linguistic peculiarities of koine Greek, with readings from the New Testament. Not offered 1950-1951.
One semester

II. LATIN

1 & 2. *Latin Review* *0 credits*
An intensive review of the essentials of grammar and syntax with special emphasis on basic rules. Selections from the orations of Cicero with emphasis on classical style and sentence structure. Brief introduction to Latin poetry, with selections.
Two semesters

21. *Horace, Catullus* *4 credits*
In reading the Odes of Horace and the poetry of Catullus attention is concentrated on two main points, development of the power to appreciate aesthetically the lyric beauty of the poems and a deeper understanding of the pagan attitude to life both in its virtues and its shortcomings.
One semester

22. *Latin Poetry* *4 credits*
A detailed study of Cicero's Pro Archia Poeta as an eloquent defense of the literary spirit. Readings in the Aeneid with a comparative study of the great epics of other languages. Emphasis is laid on the poetic values of the work, on its presentation of the Roman spirit and on its abiding humanity.
One semester

31. *Roman Satire* *4 credits*
Horace and Juvenal interpret the life, manners and thought of their times: a revealing study of the unity of human nature in all times.
One semester

32. *Cicero: Rhetoric* *4 credits*
Cicero's Pro Lege Manilia and Pro Milone are studied from the standpoint of rhetorical analysis, special attention being given to the structure and development of these speeches as well as to the social and political problems of the declining Republic.
One semester

101. *Latin Comedy* *3 credits*
Reading and Idiomatic translation of one play of Plautus and one of Terence. Development and technique of play production in Rome. Lectures on Roman comedy, its relation to Greek drama and its influence on modern comedy. Plautus and Terence are contrasted not only as to point of view and literary style, but also as to the different groups for which they wrote. Not offered 1950-51.
One semester

102. *Tacitus* *3 credits*
Selections from the Annals and Histories provide an effective study of forceful style and a wealth of stimulating observations on the progress of empire. Not offered 1950-51.
One semester

103. *Cicero, de re publica* *3 credits*
A study of the history of political theory, with reference to Plato and Aristotle. Background of this study is a review of the actual political situations of Athens and Rome. Comparison will be made to modern political theory and practice.
One semester

104. *Patristic Latin* *3 credits*

The Confessions or City of God of St. Augustine, with selections from other Latin Fathers, will be read in a study of the development of Late and Christian Latin. The course includes a survey of early Christian thought and its reaction to contemporary paganism.

One semester

DEPARTMENT OF EDUCATION AND PSYCHOLOGY

Dr. Lennon, *Chairman*; Dr. Bourne, Mr. Budash, Mr. Thomas

The aims of the Department of Education and Psychology are: (1) to develop in the individual those professional qualities required for successful teaching; (2) to offer professional training for certification as a secondary school teacher; (3) to meet requests for courses by teachers in service; (4) to offer training in guidance work; (5) to present a co-ordinated undergraduate program in psychology for the student interested in graduate studies in psychology or related fields.

The Department of Education and Psychology passes upon the eligibility of each student who applies for teacher education.

Students working for a college provisional certificate for secondary school teaching in Pennsylvania will pass successfully Education 21, 104, 105, 106, 107, 108 and 111 in addition to eighteen semester hours in each of two subject matter fields.

Practice teaching will be arranged for students who meet course requirements and have the other necessary qualifications:

(1) A general academic record of at least C.

(2) A quality point average of 1.5 in the student's major subject field.

(3) Approval of department heads of the applicant's major studies.

(4) Evidence of good physical personal adjustment.

(5) Satisfactory standard of both written and oral English. Tests may be administered to determine fitness in the use of English.

21. *Introduction to Education* *3 credits*

An orientation course for all students who plan to enter the teaching profession. Emphasis is placed upon the evolution of the public school system, democratic principles, objectives, curriculum, the learner, the function of the teacher and professional requirements.

One semester

101. *Special Methods of Teaching in High School* *3 credits*

The selection and organization of content of high school courses and the psychology and special methods of instruction for the various subject matter fields.

A. Methods of Teaching of Social Studies.
B. Methods of Teaching English.
C. Methods of Teaching Modern Languages.
D. Methods of Teaching Science.
E. Methods of Teaching Mathematics.
One semester

102. *Introduction to Personal Hygiene and Public Health 3 credits*
This course is designed to give an understanding of the problems of personal hygiene and the care of the body, of the nature of disease and the principles of disease prevention. It considers the more common communicable diseases as to cause, mode of transmission, methods of control and prevention. The problems of alcoholism, narcotics, immunity, control of food and water supply, sewage disposal, and public health administration are also discussed. Three hours lecture and demonstration. No prerequisites.

103. *Modern Teaching Techniques* *3 credits*
This course is designed for teachers with some experience. After a discussion of traditional methods, study and opportunity for practice will be given in the subject-matter unit, the functional unit, and integration within and among subject areas. The new Pennsylvania program will receive special attention in order to improve co-ordination of school and community.

104. *History of Education* *3 credits*
A survey of educational development from primitive times to the present. The aim of the course is to trace the development of present tendencies from primitive society, Greek and Roman education, the Renaissance and the changes induced by realism, philanthropic education, the psychological and scientific movements. Contributions to modern educational practice are noted.
One semester

105. *Principles and Techniques of High School Teaching 3 credits*
A secondary school methods course emphasizing principles and methods of teaching such as socialized recitation, project and problem methods, visual instruction, differentiated instruction and assignment. Classes are observed in progress, and classes are taught in laboratory practice. Prerequisites: Education 21-111.
One semester

106. *Tests and Measurement* *3 credits*
A practical course giving the history of the testing movement, general principles, criteria of adequate testing and use and practice in the construction of different forms of test questions. A limited presentation of fundamental statistics is taught for the correct handling of test data.
One semester

107. *Observation and Practice Teaching* *6 credits*

Observation and study of classroom teaching are combined with actual student teaching under expert supervision. Group conferences and personal interviews are held frequently with the supervisor of practice teaching. The student teacher is expected to take part in all school activities. Prerequisites: Education 21, 104, 105, 106, 107 and 111.

One semester

108. *Introduction to Guidance* *3 credits*

An introduction to the activities and techniques of the guidance program in public schools. Principles and problems of guidance are discussed, varied methods of conducting guidance programs are considered, and texts and workbooks used in high school guidance programs are used in preparing simple guidance lessons. Required for guidance teacher and counselor certificate in Pennsylvania.

One semester

110. *Occupational Information* *3 credits*

A survey of the fields of work as listed in the U. S. Census and Dictionary of Occupational Titles, considering the requirements for entrance, duties, income, possibilities for advancement, etc. Techniques of assembling and developing occupational materials are discussed, the methods of presenting such material to pupils are demonstrated. Each student will perform a number of job analyses, and will complete a project requiring knowledge or techniques of assembling occupational information. Required for guidance teacher and counselor certificate in Pennsylvania.

One semester

111. *Educational Psychology* *3 credits*

An introductory course in educational psychology stressing growth and development, individual differences, intelligence, motivation, learning principles, transfer of training and educational measurement. Prerequisites: Psychol. 120 or Philos. 104.

One semester

112. *Current Practices in Supervision and Administration* *3 credits*

A discussion of the problems involved in State, County and City school administration and supervision. State and national participation both as to support and control are included. The following topics are among those studied: organization, finance, budgets, pupil accounting, health, building programs, school law, etc.

One semester

113. *Techniques of Visual and Sensory Aids* *3 credits*
The state course of study is followed. All types of materials and pictures that can be used in teaching are studied. Picture projection is studied as a regular classroom procedure, and objective tests are constructed based upon educational films. Other visual aids stressed include school journeys, object-specimen models, charts, graphs, diagrams, maps. This course is required for permanent certification.
One semester

Psychology

120. *General Psychology* *3 credits*
An introductory course designed to acquaint the student with basic concepts of experimental psychology, emphasizing facts, principles and methods.
One semester

121. *Introduction to Experimental Psychology* *3 credits*
Lectures cover topics of sensation, perception, memory, reasoning. The student will perform experiments dealing with these topics in the laboratory. Lecture 2 hours; laboratory 2 hours.
One semester

122. *Child Development* *3 credits*
A study of the growth and development of the child from infancy to late childhood. Motor, intellectual, emotional and social development of the child will be studied with emphasis upon guidance in home and school.
One semester

123. *Adolescent Development* *3 credits*
The development of physical, mental, moral, and social traits of adolescence with special reference to their bearing upon problems of instruction in junior and senior high schools.
One semester

124. *Psychological Testing—Individual* *Variable credit*
The principles of individual testing as applied to the Stanford Revision of the Binet or Wechsler-Bellevue Scales are discussed. Each student will be required to do a definite number of practice tests.
One semester

125. *Mental Hygiene* *3 credits*
The definition of mental hygiene, problems and objectives, need for integration and balance. The prevention of unwholesome patterns of adjustment. The thwarting of urges; psychology of adjustment, type and use of mechanisms. The true value of religion in mental hygiene.
One semester

126. *Abnormal Psychology* *3 credits*

An eclectic viewpoint of most rational explanations of mental diseases is held throughout discussions of classification, psychoses, neuroses, alcoholism, psychopathic personalities and sensory disorders. Cultural and sociological factors are emphasized.

One semester

127 & 128. *Statistics in Education and Psychology* *6 credits*

The making of graphs, presentation of data, theory and computation of measures of central tendency, measures of variability, probability, correlation, validity, reliability, regression and prediction.

Two semesters

DEPARTMENT OF ENGINEERING

Mr. Plonsky, *Chairman;* Mr. Beaumont, Mr. Rist

The purpose of the Engineering Department is to introduce the student into the Engineering profession by training him for the technical problems encountered in Engineering.

3. *Mechanical Drawing I* *2 credits*

Use of drawing instruments, lettering, orthographic projections, dimensioning, freehand drawing, sectional views, conventional and semi-conventional representation of screw threads, tracings on paper and tracing cloth, use of a printing machine not only to learn procedure in printing process but also to observe the affect of line quality on the prints made from tracings. Six hours.

One semester

4. *Mechanical Drawing II* *2 credits*

Dimensioned drawings of objects in orthographic projections including auxiliary and sectional views; isometric and oblique drawings; freehand sketching from models of simple machine parts in orthographic projection; tracings on tracing paper and tracing cloth; use of a printing machine not only to learn procedure in printing process but also to observe the affect of line quality on prints made from tracings. Six hours.

One semester

21. *Engineering Mechanics* *4 credits*

This course is devoted to the study and analysis of various types of force systems; resultants and conditions of equilibrium; stress analysis of the parts of different types of structures by graphical and analytical methods; frictional forces; centroids and moments of inertia of areas and solids. Prerequisite: Physics 18; Corequisite: Math. 21.

One semester

22. *Engineering Mechanics* *4 credits*

Kinematics of particles and rigid bodies which includes linear, curvilinear, angular and relative motions; inertia forces, impulse momentum, work, energy and power considerations of mechanics; mechanical vibrations. This course is designed for both engineering and physics students. Prerequisite: Engin. 21; Corequisite: Math. 22.
One semester

23. *Plane Surveying* *3 credits*

While being introduced to the theory of plane surveying the student will be given the opportunity to familiarize himself with the Dumpy and Wye levels, several makes of transits, their use, care and adjustment. The methods demonstrated and used will be: the differential and reciprocal methods of leveling, the stadia method of measuring distances, the calculation of the true bearing of a course from observations on the sun and the staking out of simple highway curves as well as the location of buildings and underground and overhead utility lines. In addition, the tangent method of plotting a traverse, including contour lines and other pertinent information necessary for the completion of a map will be considered. 1½ hours Lec. and Rec. 4½ hours Laboratory.
One semester

24. *Descriptive Geometry* *2 credits*

The geometric method of projection of points, lines and planes and the application of these methods to graphical solution of engineering problems involving lines, planes and solids; truncations and intersections of solids leading to the development of surfaces. The rules of drafting room practices are continued regarding lettering and contrast lines. Six hours. Prerequisite: Engin. 4.
One semester

30. *Elements of Electrical Engineering* *4 credits*

A treatment of fundamental principles of electric and magnetic circuits and the application of these principles to the theory and performance of electrical machinery. The subjects treated are: Direct-current and alternating-current circuits; magnetic circuits; direct-current generators and motors; alternating-current generators and motors; transformers; current, voltage and power measuring devices; power transmission. Prerequisite: Physics 20.
One semester

31. *Electrical Engineering Laboratory* *2 credits*

This course consists of ten laboratory exercises designed to familiarize the student with the elements of electrical measurements and with the characteristics and fundamental principles of operation of common types of electrical machinery and their associated control apparatus. One hour recitation and three hours laboratory. Prerequisite: Engin. 30.
One semester

DEPARTMENT OF ENGLISH

Father Grady, S.J., *Chairman*; Mr. Belvedere, Mr. Cullather, Mr. O'Leary, Mr. Pontrelli, Mr. Vournakes, Mr. Watts

The aim of the Department of English is to furnish the student with a balanced course in English which will realize the objectives of a liberal arts college. The course is planned to train the student to read, write and speak English as effectively as possible and encourage him to appreciate more deeply the artistic creations of the English language. All candidates for the degree will be required to take courses 1-2, 3-4, and 23-24. The remaining courses are offered as electives for those who have satisfied the requirements of the basic courses.

01. *Remedial English* — *0 credits*

For students who have failed to meet the desired level of proficiency in reading and writing English in the English Placement Tests. The course is conducted in conference groups with one general meeting weekly.

1 & 2. *College Composition and Introduction to Literature* — *6 credits*

This course is designed to increase the college student's mastery of the techniques of communication in English, to introduce him to the general types of western literature; and, by stimulating his imagination and observation, to develop his skill in vital expression, oral and written. Lectures, discussions and required exercises. (Required of all Freshmen.)
Two semesters

3 & 4. *Public Speaking* — *2 credits*

The principles of oral expression; enunciation, pronunciation, emphasis, interpretation; together with the elements of argumentation, the preparation and presentation of formal and informal speeches. (Required of all Freshmen.)
Two semesters

23 & 24. *Development of Literary Forms* — *6 credits*

This course is designed to acquaint the student with the tradition of English literature, tracing its development from the early verse sagas through the Elizabethan period; and from the Elizabethan period to the present. It aims to develop a critical appreciation of literary forms, particularly in drama, biography, the essay, and oration. Lectures, discussions and required exercises. (Required of all Sophomores.)
Two semesters

101. *British Literature of the XVIIth Century* — *3 credits*

A critical and appreciative study of the literary work of the writers of the Jacobean and Restoration period, including Donne, Crashaw, Herrick, Sir Thomas Browne, Jeremy Taylor, Bunyan and Milton.
Fall Semester, 1950

102. *British Literature of the XVIIIth Century* *3 credits*
A critical and appreciative study of the writers of the Neo-classical period, including Samuel Johnson, Goldsmith, Burke, Walpole, Boswell, Pope, Swift, Sheridan, Addison and Steele, Gray, Thomson, Cowper and Blake.
Spring Semester, 1951

103. *British Literature of the XIXth Century,*
(a) The Romantic Period *3 credits*
A critical and appreciative study of the writers of the "Age of Romanticism" in British Letters: Wordsworth, Coleridge, Shelley, Keats, Byron, Scott, DeQuincey, Charles and Mary Lamb, Landor, Leigh Hunt.
Fall Semester, 1951

104. *British Literature of the XIXth Century,*
(b) The Victorian Era *3 credits*
A critical and appreciative study of the writers of the Victorian period, including Tennyson, the Brownings, the Brontes, Carlyle, Newman, Macaulay, Thackeray, Dickens, Matthew Arnold, Ruskin, Swinburne.
Spring Semester, 1952

105. *American Literature to 1900* *3 credits*
A survey of the development of the body of distinctively American Letters through the XVIIIth and XIXth centuries, with special emphasis on Hawthorne, Irving, Cooper, Melville, Whitman and the Concord Poets.
Fall Semester, 1950

106. *American Literature after 1900* *3 credits*
A survey of the maturer and more nationally conscious American Literature which emerged after the World War I, particularly in the works of Wolfe, Hemingway, Cather, O'Neil, Frost, Robinson, Faulkner, Sinclair Lewis, et al.
Spring Semester, 1951

107. *The Novel in English: (a) Chaucer to Scott* *3 credits*
A study of the development of the novel form in the English language, British and American, from Chaucer to Scott.
Fall Semester, 1951

108. *The Novel in English: (b) Dickens to the Present* *3 credits*
A study of the major novelists, British and American, from Dickens to the present, with attention to the evolution of the novel as a social commentary.
Spring Semester, 1952

109. *The Forms of Drama*: (*a*) *Aeschylus to Ben Johnson* *3 credits*

A study of the development of dramatic forms from the Greek classic through the miracle and morality play to the fluid plays of the Elizabethan era.

Fall Semester, 1950

110. *The Forms of Drama*: (*b*) *Sheridan to Shaw* *3 credits*

A study of the dramatic forms that developed after the Elizabethan period, emphasizing the development of the "problem play" after Ibsen, and the growing attempts to "break through the proscenium" and widen stage horizons.

Spring Semester, 1951

111. *Shakespeare*: *Tragedies* *3 credits*

A critical and apppreciative study of five major tragedies and of five of the principal chronicle plays.

Fall Semester, 1951

112. *Shakespeare*: *Comedies* *3 credits*

Critical and appreciative study of the major comedies and of the comic sequences in the chronicle plays.

Spring Semester, 1952

113. *Medieval English Literature, 1000-1400* *3 credits*

A study of the historical, social and literary background with emphasis on the works of Chaucer. (For selected advanced students majoring in English).

Fall Semester, 1951

114. *Principles of Literary Criticism* *3 credits*

A study of the theory of literary criticism and the principles of literary aesthetics, from Aristotle and Longinus to the present.

Spring Semester, 1952

115. *Journalism, I* *3 credits*

A survey of the history and development of modern journalism; journalistic terminology; newspaper writing; publicity, advertising copy, news-reporting, feature and editorial writing. Newspaper and magazine editorial organization. Headline writing.

Fall Semester, 1950

116. *Journalism, II* *3 credits*

The preparation of news-copy; editing copy for publication; preparation of feature and special articles; editorials and editorial policies; newspaper and magazine layout. Prerequisite: English 115.

Spring Semester, 1951

117. *Creative Writing Seminar* *3 credits*

Group conferences and discussions of the techniques of writing for publication: fiction, poetry, playwriting, biography. Critical discussion of work of seminar members. For selected advanced students only, who have shown superior ability in creative expression.

Spring semester, 1951

DEPARTMENT OF HISTORY AND POLITICS

Dr. Walton, *Chairman;* Mr. Brown, Mr. Gerrity, Dr. Kalina, Mr. Scully

HISTORY CONCENTRATION

For the History Major the Department Aims: (1) To contribute to the culture and development of the student; (2) to encourage the student to approach the subject along the lines of solid historical methodology in his investigation, determination and reconstruction of data; (3) to present history as the study of human activities and concrete events which have social significance; (4) to demonstrate that the content constitutes a body of knowledge the parts of which are interdependent because of causal relations; (5) to bring to the student an intelligent and critically sympathetic understanding of his own and other people's civilization and culture. The Department does not aim to make specialists; rather it aims to give a comprehensive understanding of basic historical trends. At the end of his sophomore year the student desiring to major in History will consult with the Chairman of the Department who will review the applicant's qualifications and assist in the selection of a faculty adviser.

Prerequisites: For the History major History 1-2, 3-4, plus eighteen credit hours from upper division courses for a total of thirty credit hours. The Department strongly recommends History 103-104, 108-109, 114-115, and 107 or 119 as the courses best designed to give the student that comprehensiveness of understanding which constitutes one of the major aims of the Department.

Pre-Legal students working in History and allied fields are urged to follow History 122-123, 129-130, Pol. Sci. 101-102, and 105, and courses in Business Administration numbered 1-2, 103-104, 126-129.

Under certain circumstances and with prior approval of the History and Politics Department credits toward a History major may be carned in Philosophy 113 and 114 and in Economics 102 and 104.

1 & 2. *Political and Social History of the United States* *6 credits*

A fundamental study of the history of the United States from the time of its European beginnings to the present, with special emphasis on the history of Pennsylvania. The first semester will analyze the period from our colonial origins to the end of the Civil War. The second semester will deal with the period of Reconstruction to our own times. Required of all students for any

degree from the University. This course also meets the requirements of the State for public school teaching.

Two semesters

3 & 4. *History of Modern Europe, 1500 to the Present* *6 credits*

A fundamental study of European history with main concentration upon the political aspects of European development. First semester: from the period of the rise of national monarchies to the Congress of Vienna. Second semester: from 1815 to the present. Continued emphasis will be placed on political developments but the significance of industrialism, the new nationalism and liberalism will be noted.

Two semesters

101 & 102. *The Western Hemisphere* *6 credits*

A survey of our American neighbors emphasizing their relationship to the United States. First semester: Latin America—discovery and exploration; the colonial empires; independence movements; political and socio-economic developments in the national period; ABC powers in world affairs; Pan Americanism and the Good Neighbor policy. Second semester. Canada—discovery and exploration; Anglo-French rivalry; British Canada; War of 1812; rebellion, Lord Durham report and self-government; the federation move; Dominion government; national political and socio-economic developments; the Statute of Westminster. Not offered 1950-51.

Two semesters

103 & 104. *Development of American Civilization* *6 credits*

An analysis of leading economic, social and cultural aspects of American life. First semester: study of the economic, religious and intellectual bases of colonial American life; impact of the Revolution; development of town and country life; sectional differences; the first factories and labor movements; growth of democracy and the reform movements. Second semester: study of the leading economic, social and cultural factors which shaped modern life and institutions since 1865. Among the topics treated are the growth of industry, agriculture and the agragian discontent; the disappearance of the frontier; labor and immigration; sport, literature and the arts; religious tendencies; diffusion of knowledge. Not offered 1950-51.

Two semesters

105. *The United States in the Twentieth Century* *3 credits*

An intensive study of American development from 1900 to the present. Stress will be placed on the Roosevelt Era and its Progressivism, Wilson's New Freedom, diplomacy of the first World War, the return to "normalcy," the Great Depression and the New Deal, Roosevelt and world politics, and origins and consequences of World War II.

One semester

106. *History of Pennsylvania* *3 credits*
A study of the political economic and social factors in the history of the commonwealth from colonial times to the present.
One semester

107. *Co-ordinating Seminar in American History* *3 credits*
Intensive readings and reports on selected problems in American history. In all discussions an attempt will be made to integrate information in such terms as will give a unified picture of American life and institutions. Open only to Seniors working in History or by special permission from the Chairman of the Department. Normally History 1 & 2 and twelve additional credits from courses 120 to 126 and from co-related program course numbers 120 to 126 inclusive will be prerequisites.
One semester

108 & 109. *Development of Contemporary Civilization in Western Europe* *6 credits*
An analysis of the major economic, social and cultural aspects of European life since 1500. First semester: impact of the Protestant Revolution on European society; decline of medieval religious and economic unity; commercialism and the bourgeoisie; the intellectual revolution; antecedents of the French Revolution. Second semester: liberalism and reactions; fruits of the industrial revolution; march of the new sciences; socialism and communism; nationalism and imperialism; the twentieth century inheritance.
Two semesters

110. *French Revolution and Napoleonic Era* *3 credits*
First quarter: historical antecedents of the Revolution; the Philosophies; republicanism and the fall of the monarchy; Reign of Terror; France and Europe; the Directory. Second quarter: rise of Napoleon; the Consulate; internal achievements; intervention in Europe; significance of the Spanish and Russian campaigns; War of Liberation; Waterloo. Critical assessment of the period in the light of modern trends. Not offered in 1950-51.
One semester

111. *Europe in the Nineteenth Century* *3 credits*
The Congress of Vienna and the European restoration; the rise of national sentiment and its expression in revolutions; the Industrial Revolution and its social, political and colonial consequences. The unification of Italy and Germany; Russia; Mediterranean politics and the Eastern Question; international alliances and rivalries.
One semester

112 & 113. *Ancient History* *6 credits*

A survey of the culture and civilization of the Mediterranean World to the end of the barbarian invasions. Not offered 1950-51.

Two semesters

114 & 115. *Medieval History* *6 credits*

A survey of medieval political and religious institutions. First semester: the origins and diffusion of Christianity; the contribution of imperial Rome; the emergence of political authority after the invasion and settlement of the barbarians; the spread of learning under monastic influence; the role of the Papacy; the achievements of the Crusades. Second semester: Decline of the Eastern Empire; the Holy Roman Empire; the Church in the period of Innocent III, the Renaissance of the twelfth and thirteenth centuries; the decline of medieval Europe before the secularization of thought in the field of politics, economics and religion.

Two semesters

116. *Renaissance and Reformation* *3 credits*

An intensive study of Europe from the fourteenth to the middle of the seventeenth century. First quarter: study of humanism, the new wealth and the bourgeoisie; breakdown of medieval unity. Second quarter: the causes of the Protestant Revolution; Luther, Henry VIII, Calvin. The Catholic Reformation, religious wars, Peace of Westphalia. Not offered 1950-51.

One semester

117 & 118. *History of the Far Eastern People* *6 credits*

A survey of the oriental world with special emphasis on China and Japan. First semester: origins of the Chinese people; their relations to their eastern neighbors and the Western Powers; the Ch'ing dynasty; revolutionary China; the two World Wars; problems of contemporary China. Second semester: origins of the Japanese people, eastern relations; the Tokugawa Shogunate and its importance; American penetration 1853-4; Meiji Reforms; Japanese militarism; problems of contemporary Japan. Not offered 1950-51.

Two semesters

119. *Co-ordinating Seminar in European History* *3 credits*

Open only to Seniors working in History or by special permission from the Chairman of the Department. Intensive readings and reports on selected problems in European History. In all discussions an attempt will be made to integrate information in such terms as will give a unified picture of European institutions and their development. Normally History 3 & 4 and twelve additional credits from courses History 108-118 and co-related courses numbered 127 to 132 inclusive will be required for admission.

One semester

POLITICAL SCIENCE

For the Political Science major the Department aims to accomplish the following objectives: (1) to give the student a thorough understanding of the nature and purposes of civil society; (2) to impart a sound knowledge of the philosophical basis of democracy; (3) to enable him to appreciate the problems of his own government at work and (4) to relate the American system to the governments of other states in the international community.

The aim is not to make specialists but to assist in the acquisition of a sound core of fundamental knowledge upon which can be built the basis of both good citizenship and good scholarship.

For the Major: *Political Science 101-102, 105-106, 124-125, and 131-132 is the prescribed program for a total of 24 credits minimum.*

For the Minor: *Political Science 101-102, 124-125 plus six additional hours for a total of eighteen credits.*

101 & 102. *American National Government* *6 credits*

The course will begin with a philosophical analysis of such basic terms as society, state, authority and common good. Forms of government will be contrasted and evaluated. The structure, operations and functions of the three branches of the national government will then be studied.

Two semesters

105. *State Government* *3 credits*

A general survey of the natural constitutional position of the states and the changing federal-state relationships will precede the detailed analysis of state governments in actual operation. Emphasis will be placed on Pennsylvania and actual problems of procedure and policy will be used to illustrate general trends in state governments.

One semester

106. *Local Government* *3 credits*

Types of local government, evolution of the American township, county, borough and city from English prototypes; participation in local government and politics as a training school for democracy; constitutional and statutory limitations on local governments; efforts to preserve "home rule"; functions of local officials; budget, personnel, local taxation and assessment, purchasing, indebtedness, suggestions for improvement in structure and operation of local governments, especially those of Pennsylvania. Not offered 1950-51.

One semester

107. *Public Administration* *3 credits*

Nature of public administration; structures and limitations imposed through legislative statutes and appppropriations; staff organization and flow of com-

mand; employment policies, personnel training and management; employee organization; public relations.
One semester

108. *Political Science* *3 credits*
A survey of the variety of functions, forms and mechanisms of civil societies at all levels in their economic, cultural, and historical settings with a view to deriving generalizations helpful toward directing the state and its subsidiaries in the most appropriate and efficient manner toward their appointed ends. Not offered 1950-51.
One semester

109 & 110. *International Law and Organization* *6 credits*
This course examines the rules which govern nations in their legal relations one with another. Particularly stressed will be the international norms governing recognition of new states, neutrality, treaties, diplomatic officials, the position of aliens, belligerency, citizenship, etc. The second half of the course will deal with the efforts of nations to set up a satisfactory structure of international organization and will stress the League of Nations and the charter of the United Nations.
Two semesters

THE CO-RELATED PROGRAM

The following courses are specifically designed to integrate the History and Political Science core programs and may be taken for credit toward the major and minor in either field of concentration.

120 & 121. *American Diplomatic History* *6 credits*
First semester: survey of the origins and development and functions of the State Department and its relation to other policy-forming agencies of the federal government. Diplomatic activities prior to 1789; the Louisiana Purchase; War of 1812; the Monroe Doctrine; Manifest Destiny. Second semester: Pan-Americanism, Cuba and the Caribbean, World War I; problems in the inter-bellum period; today's challenges and attempted solutions. United Nations Organization. Not offered 1950-51.
Two semesters

122 & 123. *American Constitutional and Legal History* *6 credits*
First semester: the historical background of the federal constitution; legal disputes and theories of colonial and revolutionary periods; the nature of the Constitution and its interpretation by Marshall and Taney. Second semester: constitutional problems occasioned by the Civil War; the new amendments; the expansion of federal powers. State constitutions, powers and activities in relation to the federal constitution. Key cases will be analyzed in detail and set in their proper historical perspective.
Two semesters

124 & 125. *History of American Political and Social Thought* *6 credits*

An inquiry into the major philosophies which helped shape our institutions. First semester: Puritan concepts of liberty, property, and representation; views of the Independents; pre-Revolutionary society and thought and the growing adherence to the notion of independence; the Constitution as it represents a compromise between the conservative and liberal traditions; Jeffersonian and Jacksonian democracy; social, economic, and political ramifications of the slavery question. Second semester: triumph of the nationalist view and its implications; recent tendencies; the problem of liberty in the complex, highly technical American society.

Two semesters

126. *The Political Parties of the United States* *3 credits*

An analysis of the origins, nature and functions of parties under our American system of government; the English tradition of the party system; differences between the English and American concepts. Jeffersonianism versus Hamiltonianism; sectionalism and pressure groups; splits in party organization prior to the Civil War; impact of the new industrial order on political alignments; the role of third parties in the United States; current stresses and strains on both major party organizations.

One semester

127 & 128. *History of European Political and Social Thought* *6 credits*

An inquiry into the major philosophies which helped shape European institutions. First semester: from Plato to the Sixteenth Century, with attention to the Greek philosophy of man and political society, the Stoics, medieval theory, especially that of St. Thomas Aquinas; the Legists. Second semester: modern conceptions of man and political society with special emphasis on contemporary notions of law, sovereignty, equality and human rights. Intensive reading in writings of representative thinkers of each period. Not offered 1950-51.

Two semesters

129 & 130. *Constitutional and Legal History of Great Britain* *6 credits*

The course will study the development of constitutionalism against the political background. First semester: the coalescence of Anglo-Saxon and Norman institutions, the Great Charter and the concept of representation; development of the common law; origins and growth of parliament. Second semester: developments since 1688; the House of Commons; parliament versus royal prerogative; cabinet and ministerial responsibility; Parliamentary Bill of 1911; extension of administrative law and adjudication; Statute of Westminster.

Two semesters

131 & 132. *Governments and Peoples in the Contemporary World* — *6 credits*

A solid survey will be made of the major governments of the western world and of the relationships between government and governed in the international sphere, and between government and governed in the national sphere. Russia, Germany, Italy, France, Great Britain, and the United States will be the countries treated most adequately. First semester: study of the machinery by which the affairs of various foreign countries are conducted; national foreign policies; the structure of Europe after World War I. Second semester: Totalitarianism versus democracy; problems of empire and dependent peoples. Special attention will be given to the role of the United States in world affairs. Not offered 1950-51.

Two semesters

DEPARTMENT OF MATHEMATICS

Dr. Harper, *Chairman*; Mr. Bartley, Mr. Campbell, S.J., Mr. Savulis

The Department of Mathematics instructs students who are pursuing different courses of study and recognizes that the instruction must be adapted as much as possible to the needs of these students. For the Arts and Social Science students the objectives of the Department are: (a) to train the students in the basic and necessary skills of mathematics which will be required in nontechnical pursuits; (b) to bring out the cultural and applied values of mathematics; and (c) to show the dependence of other branches of knowledge on mathematics. In addition in the instruction of engineering and science students for whom mathematics is a tool subject the objectives of the Department are: (a) to develop skill and accuracy in mathematical operations; and (b) to familiarize the students with the methods of mathematical analysis. Finally for those students who show special aptitude for mathematics it is the objective of the Department to prepare them to pursue advanced work in this field.

7 & 8. *Mathematics Survey* — *6 credits*

A course particularly designed for the students who do not expect to take mathematics beyond the first year. The aim of the course is to present the major ideas in the development of mathematics from ancient to modern times. Suitable application of these ideas to the physical and social sciences is indicated throughout the course. The importance of mathematical concepts for, and their relation to Logic, Philosophy, Art, the natural and social sciences and the history of civilization are discussed. Its primary objective is to emphasize fundamental ideas of the science and to furnish a foundation for an appreciation of its wider significance.

Two semesters

11. *Algebra and Trigonometry* — *4 credits*

An intensified course covering the topics of simultaneous equations, quadratic and higher order equations, complex quantities, exponents, logarithms, trigono-

metric functions, solution of triangles, trigonometric laws, identities and equations, and inverse trigonometric functions. Four hours lecture and recitation.
One semester

12. *Analytic Geometry and Introduction to Calculus* *4 credits*
This course covers the subject of Analytic Geometry and leads into Calculus. The subject matter includes: loci, straight lines, circles, ellipses and other conics, solid analytic geometry; an introductory treatment of the processes of differentiation and integration. Four hours lecture and recitation. Prerequisite: Math. 11.
One semester

21. *Differential Calculus* *4 credits*
Variables and functions; limits; differentiation; rates; applications of derivatives to geometrical and physical problems involving maxima and minima; differentials and a brief introduction to the process of integration; Rolle's theorem and the theorem of the mean; indeterminate forms; elementary treatment of partial derivatives and transformation of variables. Four hours. Prerequisite: Math. 12, or equivalent.
One semester

22. *Integral Calculus* *4 credits*
Integration as the inverse of differentiation; the definite integral; integration as a process of summation; approximate evaluation of integrals; integration by parts and other methods; reduction formulas; partial differentiation; total differentials and their geometrical interpretation; multiple integrals; use of integrals in the evaluation of areas, arc lengths, volumes, surfaces, fluid pressures, work, centroids and moments of inertia; infinite series and the approximate evaluation of functions by series. Four hours. Prerequisite: Math. 21.
One semester

101. *Differential Equations* *3 credits*
A treatment of ordinary differential equations. First order, first and higher degree differential equations; special solutions; linear equations with constant coefficients and with variable coefficients; total differential equations; operator methods; approximate solutions; applications of defferential equations to geometrical and physical problems. For Mathematics, Physics and other science students. Three hours. Prerequisite: Math. 22.
One semester

102. *Vector Analysis* *3 credits*
A treatment of the theory of vectors and their applications to the solution of mathematical and physical problems. For Physics and Mathematics majors. Three hours. Prerequisites: Math. 22, Math. 101.
One semester

103. *Advanced Differential Equations* *3 credits*
This course includes the treatment of special differential equations and partial differential equations and their applications. Non-linear differential equations; linear partial differential equations of first and higher order; non-linear partial differential equations of first and second order. Recommended for Physics and Mathematics majors. Three hours. Prerequisite: Math. 101.
One semester

104. *Introduction to Statistical Analysis* *3 credits*
Curve plotting; frequency curves, averages, measures of dispersion, theory of correlation. Applications to the natural and social sciences. Three hours. Prerequisite: Math. 22.
One semester

105. *History of Mathematics* *3 credits*
Treats of the development of Mathematics from earliest times through the Calculus. Three hours. Prerequisite: Math. 22.
One semester

106. *Advanced Calculus* *3 credits*
A critical study of the foundations of differential and integral Calculus; further study of the mean value theorem; series; representation of various functions in terms of power series; partial and directional derivatives of functions of several variables; space integrals, Green's and Stoke's theorems; elementary treatment of functions of a complex variable. For Physics and Mathematics majors. Three hours. Prerequisites: Math. 22, Math. 101.
One semester

107. *Advanced Calculus* *3 credits*
An introductory treatment of special types of series and integrals including elliptic integrals, Fourier series and functions, Gamma and Beta functions, Bessel functions, and further treatment of functions of a complex variable. Recommended for Physics and Mathematics majors. Three hours: Prerequisite: Math. 106.
One semester

108. *Modern Algebra* *3 credits*
An introduction to some of the simpler algebraic concepts. The number system and elementary theory of numbers. Groups, rings, polynomials over a field, matrices and determinants. Prerequisite: Math. 22.
One semester

115. *Undergraduate Mathematics Thesis* *Variable credit*
For those who apply for the B.S. Degree with a major in mathematics. To evaluate the student's ability to carry out the investigation of a specific mathematical topic. The credit value will be one or two credits depending upon the

results accomplished and time involved. Prerequisite: 24 credits in mathematics.
One semester

DEPARTMENT OF MODERN LANGUAGES

Mr. Sherman, *Acting Chairman*; Fr. Beleckas, Mr. Cimini, Dr. Kucas, Mr. McKenna, Mr. Vaiciulaitis

The Modern Language Department undertakes:

1. to give the student who plans to pursue studies in business, science, the arts or the professions the requisite skills for reading, writing and speaking foreign languages.

2. to train the student in logic and precision of thought and expression by comparative study of his own and foreign languages.

3. to develop the aesthetic and critical faculties of the student by the reading and appreciation of the best foreign authors.

4. to give the student an insight into the evolution of European thought and the history and culture of Europe as reflected in its literature.

At the beginning of the first semester a placement test is given to students offering two years or more of high school credit in a modern language. Students passing this test will be admitted to the intermediate course in that language. Students failing in this test, and students admitted with less than two units in a language, are required to take the elementary course in that language.

French

1 & 2. *Elementary French* — *6 credits*

Aim: a solid foundation in grammatical principles and the mastery of a basic vocabulary. The course includes intensive drill in pronunciation, active use of vocabulary and grammatical principles in written and oral exercises, graded readings.
Two semesters

21 & 22. *Intermediate French* — *6 credits*

Aim: increased facility in the active use of basic grammar and vocabulary, enlarged reading ability, and an introduction to French civilization. The course includes grammatical review, written and oral composition, reading of selected modern prose of intermediate difficulty. Prerequisites: see introduction.
Two semesters

101 & 102. *Modern French Novel* — *6 credits*

A study of the various trends in modern French thought as developed by representative authors of the 19th and early 20th centuries. The following literary movements are studied: le Romantisme, le Realisme, le Naturalisme, le Symbolisme. Course conducted in French.
Two semesters

103. *Advanced Grammar and Composition* *3 credits*
A review of French grammar emphasizing advanced topics and the idiomatic use of the language in set themes and free compositions, with the aim of developing the ability to write French clearly.
One semester

104 & 105. *The Classical Period* *6 credits*
Authors of the 17th century are read and discussed. A study is made of the classical movement in French thought and culture, with emphasis given to such authors as Corneille, Racine, Moliere and Boileau. Course conducted in French.
Two semesters

106. *Modern French Theater* *3 credits*
Plays representative of the development of the French theater throughout the 19th and early 20th centuries are read and analyzed. Course conducted in French.
One semester

107. *Modern French Poetry* *3 credits*
The development of modern French poetry including le Romantisme, le Parnasse, le Symbolisme and contemporary poetry. Course conducted in French.
One semester

108. *French Conversation* *3 credits*
A course designed to enable the student to express himself in French with clarity and fluency. Stress is placed on pronunciation, idiomatic use of the language, and practice in oral composition. Course conducted in French.
One semester

109. *The Catholic Revival* *3 credits*
The growing body of Catholic thought in the literature of contemporary France. Reading and study of such authors as Bazin, Bordeaux, Bourget, Claudel, Maritain, Mauriac.
One semester

GERMAN

1 & 2. *Elementary German* *6 credits*
A complete course in the fundamentals of the German language. Emphasis on reading of graded texts, with written, oral and aural exercises.
Two semesters

21 & 22. *Intermediate German* *6 credits*
Reading from modern authors of moderate difficulty. Oral and written exercises. Systematic review of German grammar. Prerequisite: See general introduction.
Two semesters

101 & 102. *Advanced German* *6 credits*
Selected texts in prose and poetry. Advanced practice in conversation and composition.
Two semesters

103 & 104. *Scientific German* *6 credits*
Reading of technical and scientific German.
Two semesters

105. *The German "Novelle"* *3 credits*
Extensive reading. Emphasis on literary appreciation of this form.
One semester

106. *The German Classics* *3 credits*
Readings from Goethe and Schiller; an understanding of their position in world literature.
One semester

107. *History of German Literature* *3 credits*
Study of the history of German literature, accompanied by selected readings of significant German writers.
One semester

Spanish

1 & 2. *Elementary Spanish* *6 credits*
Aim: solid foundation in grammatical principles and mastery of a basic vocabulary. The course includes intensive drill in pronunciation, active use of vocabulary and grammatical principles in written and oral exercises, graded readings. Prerequisite: see general introduction.
Two semesters

21 & 22. *Intermediate Spanish* *6 credits*
Aim: increased facility in active use of basic grammar and vocabulary, enlarged reading ability, and an introduction to Spanish and Spanish-American civilization. The course includes grammatical review, written and oral composition, reading of selected modern prose of intermediate difficulty. Prerequisite: see general introduction.
Two semesters

101 & 102. *The Modern Novel* *6 credits*
A study of the short story and novel of Spain and Spanish-America in the late 19th and early 20th centuries. Readings in the most important authors, with background lectures on the history of the novel and discussions in Spanish.
Two semesters

103. *Advanced Grammar and Composition* *3 credits*

A grammar review emphasizing advanced topics and the idiomatic use of Spanish in set themes and free compositions, with the aim of developing the ability to write clear and fluent Spanish.

One semester

104 & 105. *Commercial Spanish* *6 credits*

A study of vocabulary and forms used in commerce. Practice in writing of letters and other business forms. Reading of Spanish models as a basis for free composition. Oral practice in Spanish.

Two semesters

106 & 107. *The Golden Age* *6 credits*

A study of the development of the novel, with the culmination of all forms in Cervantes; and of the drama, reaching its perfection in Lope de Vega and Calderon. Readings in the major authors.

Two semesters

108. *Conversational Spanish* *3 credits*

A course designed to enable the student to express himself in Spanish with clarity and fluency. Stress placed on pronunciation, idiomatic use of the language, and practice in oral composition. Course conducted in Spanish.

One semester

DEPARTMENT OF PHILOSOPHY

Fr. Jacklin, *Chairman*; Dr. Bourne, Fr. Coniff, Fr. Cunningham, Mr. Davey, Mr. Kelley, Fr. Scott, Fr. Trundle

The program in the field of philosophy is designed to train the student in the art of thinking and to acquaint him with the significant issues which confront him in arriving at a reasoned explanation of the world in general and of man in particular. The method is both critical and constructive. Emphasis is laid on the centrality of theistic and ethical problems. Upon concluding the course the student will have gained an intimate acquaintance with the wisdom of the past and a thorough understanding of the principles and values, which are the enduring foundation of the Christian culture and the civilization of the West.

Students wishing to major in Philosophy must take the Philosophy courses required of all students, and in addition Philosophy 113-114, History of Philosophy; and Psychology 121, Experimental Psychology, for a total of 34 semester hours. Since required courses constitute 25 hours of this major students majoring in Philosophy must carry a second major, fulfilling departmental requirements as listed.

101 & 102. *On Knowledge* *5 credits*

A. Logic—This course aims to give the student a brief introduction to the science of philosophy and to train him in the art of correct thinking. Nature and kinds of ideas and terms. Rules for definition and division. Nature and kinds of judgments and propositions. Immediate inference. Reasoning and argumentation: deductive and inductive. Fallacies.

B. Epistemology—treats of the critical basis for the truth of human knowledge. The possibility of valid knowledge. The various sources of certitude: consciousness, sense, intellect, reasoning, testimony. The ultimate nature of certitude and universal criterion of truth—objective evidence.

One semester

103 & 104. *On First Principles* *4 credits*

A. Metaphysics—considers those concepts, principles, and divisions which are fundamental to reality. The concept of being and its analogy. The first principles and trancendental attributes of being. The primary divisions of being: act and potency, substance and accident. The Aristotelian analysis of the four causes of being.

B. Natural Theology—establishes the existence of God and His relations to the world. The proofs for God's existence. The divine essence and attributes. God as the creator and first cause of the world. God's knowledge and action in relation to the Universe.

One semester

105 & 106. *On Nature* *4 credits*

A. Cosmology considers corporeal being. The common properties and activities of bodies: quantity, space, place, time motion. The essential constitution of bodies: hylomorphism, dynamism and atomism.

B. General Psychology—treats of living being. The meaning of life—mechanism and vitalism. The nature of the vital principles in plant and animal life. The origin of life and the problem of Evolution.

One semester

107. *Rational Psychology* *4 credits*

Animal and human psychology. The intellect and its functions; abstraction, origin of ideas, inference, reasoning. Volition, motivation, the nature of human freedom and responsibility. The conscious and subconscious mind; psychoanalysis; extranormal mental states. The human person; unity, nature, origin and destiny. The psychological grounds of character and personality. Prerequisite: Phil. 104.

One semester

110. *Basic Ethics* *4 credits*

Basic ethics studies the morality of human actions in general. Starting with the accepted notions of morals, morality, responsibility, obligation, it develops

the true meaning of moral goodness and moral obligation. An analysis of free human actions from the point of view, first, of their finality, secondly, of their relation to the nature of the person, and, thirdly, of their concrete circumstances, leads to an understanding of the essence of moral goodness and malice. The law of nature as applied to rational activity explains the meaning, nature, and extent of moral obligation. These constitute the objective order of morality. The subjective order of morality consists in the application of these objective norms through the practical reason and moral conscience.
One semester

111. *Special Ethics* *4 credits*
Special ethics applies the general principles of moral conduct to particular problems arising from man's relation to God, to his fellow-man, and to himself, and from his rights in respect to material possessions. Social morality first establishes the essential sociality of man, then investigates the rights and duties natural to man in the three fundamental forms of human association; the family, the state and religious society. Prerequisite: Phil. 110.
One semester

113. *History of Philosophy: Ancient and Medieval* *3 credits*
A survey of the History of Philosophy from its beginnings in the West to its Scholastic flowering in the Middle Ages. The various problems will be seen in their origins and traced through the master philosophers; Socrates, Plato, Aristotle, St. Augustine, St. Thomas Aquinas.
One semester

114. *History of Philosophy: Modern and Recent* *3 credits*
The development of modern thought, from Bacon and Descartes, through Spinoza, Leibnitz, Hobbes, Locke, Berkeley and Hume to Kant and Hegel. Neo-Scholasticism and its relation to other contemporary philosophical movements.
One semester

DEPARTMENT OF PHYSICS

Dr. Harper, *Chairman;* Mr. McGinnis, Mr. Mullen, Mr. Rounds

The science of Physics is concerned principally with matter and energy, the nature of each, and with their interactions. It is the fundamental science for most branches of engineering and has innumerable applications in medicine, industry and everyday life. The objectives of the Department of Physics are: (1) to impart a body of knowledge of the general principles of Physical Science and to show their applications to human problems; (2) to aid the student in acquiring scientific method and in developing a quantitative frame of mind in dealing with his problems; (3) to train the student in logical and accurate methods of observation, measurement and analysis; (4) to provide the student with adequate training in the fundamentals of Physics to enable him to pursue

medical, engineering and other courses of study; (5) to encourage and train those students who show exceptional aptitude for the science of Physics for a career in the teaching of Physics, or in industrial work in this field, and to encourage those students who have the capacity to pursue graduate work in Physics.

1. *General Physics* *4 credits*
A fundamental college course in mechanics and heat. For pre-medical, pre-dental and other students who need one year of college physics. Three hours lecture and recitation and two hours laboratory. Prerequisites: Math 5 & 6.
One semester

2. *General Physics* *4 credits*
A continuation of Physics 1, including electricity and magnetism, sound and light. Three hours lecture and recitation and two hours laboratory. Prerequisites: Physics 1; Math. 5 & 6.
One semester

3. *General Physical Science—Physics* *3 credits*
This is the first part of a general physical science course for the non-science student designed to give an understanding of physical phenomena and the methods of science and to show what contributions the physical sciences have made to human progress. The subjects of measurements and observations, properties and forms of matter, and forms and transformations of energy are treated from the standpoint of physics. Student participation in laboratory exercises and demonstrations will supplement the lecture material. Two hours lecture and two hours laboratory and demonstrations per week.
One semester

8. *Elementary Photography* *2 credits*
Optical systems of cameras, action of light on photographic emulsions, characteristic curves of emulsions, developers, fixers, intensifiers and reducers. One hour lecture and three hours laboratory. Projects will be designed for individual work in the laboratory. Prerequisites: Phys. 2, or 19 recommended.
One semester

9. *Electronics* *3 credits*
A descriptive, non-mathematical course treating of the development of the electron theory, the discoveries of electronic phenomena, and the various applications of electronic devices. Three hours lecture with demonstrations.
One semester

18. *Technical Physics: Elementary Mechanics* *4 credits*
An elementary treatment of the statics and dynamics of particles and rigid bodies, elastic bodies, hydrostatics and hydrodynamics. For Engineering and

Physics students. Three hours lecture and recitation and two hours laboratory. Corequisite: Math. 11.

One semester

19. *Technical Physics: Heat, Light and Sound* *4 credits*

Basic treatment of the effects of heat, thermometry, calorimetry, transfer of heat and elementary thermodynamics; periodic motions, vibrating bodies, sound waves and accoustics; photometry, reflection and refraction of light, interference, polarization, color and spectra. For Engineering and Physics students. Three hours lecture and recitation and two hours laboratory. Prerequisites: Physics 18; Math. 11.

One semester

20. *Technical Physics: Electricity and Magnetism* *4 credits*

Basic treatment of magnetism, electrostatics, direct currents and circuits, electromagnetic induction, alternating currents and circuits, electrical machines and devices, electromagnetic waves; introductory electronics and atomic physics. For Engineering and Physics students. Three hours lecture and recitation and two hours laboratory. Prerequisites: Physics 19; Math. 12.

One semester

21. *Light and Optics* *4 credits*

A second course of light which treats geometrical and physical optics in greater detail than in the elementary courses. The topics include lenses and mirrors, refraction of light at surfaces, dispersion, lens combinations, optical instruments, spectra, interference, diffraction and polarization. The laboratory exercises are to acquaint the student with the handling and use of optical instruments in making optical measurements. Three hours lecture and two hours laboratory. Required of Physics majors. Prerequisites: Physics 19, 20, and Math. 21.

One semester

101. *Heat and Thermodynamics* *3 credits*

An intermediate course of heat and thermodynamics which covers the topics of conduction, convection and radiation, the first and second laws of thermodynamics, enthropy, thermodynamic cycles, the steam engine, refrigeration, thermodynamic functions and applications of thermodynamics. The use of steam tables and charts is included. This course is required of Physics majors. Four hours lecture and recitation. Prerequisites: Physics 20; Math. 22.

One semester

102. *Mechanics* *3 credits*

An introduction to theoretical mechanics which deals with the statics and dynamics of particles and rigid bodies. It covers the topics of motion of bodies in different fields of force, energy relations, theory of potential, center of mass

and moments of inertia. This course is required of Physics majors. Three hours lecture. Prerequisites: Physics 20; Math. 101.

One semester

103. *Mechanics* *3 credits*

A continuation of Physics 102. The topics include special types of motion of bodies, waves in elastic media, hydrostatics and hydrodynamics. This course is recommended for Physics majors. Three hours lecture. Prerequisites: Physics 102; Math. 101 & 102.

One semester

104. *Electricity and Magnetism* *4 credits*

A detailed treatment of electrical and magnetic phenomena and theory. The topics include electrical and magnetic quantities, electrostatics, magnetostatics, direct current circuits and measurements, magnetic effects of currents, electrolysis, voltaic cells and thermoelectricity. This course is required of Physics majors. Three hours lecture and two hours laboratory. Prerequisites: Physics 20; Math. 22.

One semester

105. *Electricity and Magnetism* *4 credits*

A continuation of Physics 104. The topics include electromagnetic induction, alternating current circuits and measurements, theory of magnetic flux measurements, filters, lines, thermionic emission and electromagnetic waves. This course is required of Physics majors. Three hours lecture and two hours laboratory. Prerequisites: Physics 104; Math. 101.

One semester

106. *Radio Tubes and Circuits* *4 credits*

This course covers the fundamental theory of thermionic emission, vacuum tube construction and characteristics, rectifiers, amplifiers, receivers, oscillators, modulators, transmitters and antennae. The accompanying laboratory exercises are devoted to the construction and testing of radio circuits. This course is recommended for Physics majors. Three hours lecture and two hours laboratory. Prerequisites: Physics 20; Math. 22.

One semester

110. *Modern Physics* *3 credits*

A mathematical treatment of various phases of modern Physics which includes the topics of kinetic theory. electrical discharges in gases, electron theory, atomic structure, atomic spectra, x-rays and other electromagnetic radiations. This course is required of Physics majors. Three hours lecture. Prerequisites: Physics 21, 101, 102 & 105; Math. 101, 102 or 106.

One semester

111. *Modern Physics* *3 credits*

A continuation of Physics 110. This course is devoted to the treatment of quantum theory, photoelectricity, radioactivity, nuclear particles, nuclear reactions, induced radioactivity and cosmic rays. This course is required of Physics majors. Three hours lecture. Prerequisite: Physics 110.

One semester

112. *Sound* *3 credits*

A detailed study of the nature, production, propagation and absorption of sound, acoustics and the theory of sound measurements. This course is recommended for Physics majors. Three hours lecture. Prerequisites: Physics 20; Math. 22 & 101.

One semester

113. *Medical Physics* *3 credits*

This course is designed to fill the need of a second course of Physics for medical students. The purpose of this course is to give these students a thorough knowledge of the many applications which are made of physical principles and physical devices in medical practice and research. The course treats the theory and application of various electrical and magnetic devices, optical instruments, electronic devices, x-ray equipment and radioactivity. Three hours lecture. Prerequisites: Physics 2; Math. 12.

One semester

114. *Advanced Physics Laboratory* *1 credit*

This course includes experiments, not given in connection with other courses, on the charge and specific charge of the electron, vacuum tube characteristics, photoelectricity and atomic spectra. Required of Senior Physics majors. Prerequisites: Physics 21, 101, 104 & 105.

One semester

115. *Advanced Physics Laboratory* *1 credit*

A continuation of Physics 114. The experiments cover thermoelectricity, production and measurement of high vacuum, x-ray absorption and diffraction and radioactivity. Required of Senior Physics majors. Prerequisites: Physics 110 & 114.

One semester

120. *Undergraduate Physics Thesis* *Variable credit*

For those who apply for the B.S. degree with a major in Physics. This work is to evaluate the student's capacity for individual study and research in connection with a specific physical problem. Assignment of the problem and credit to be arranged in each case. Prerequisites: 30 credits in Physics; 20 credits in Math.

One semester

DEPARTMENT OF RELIGION

Fr. Herlihy, *Chairman;* Fr. Donovan, Fr. Giroux, Fr. Griffin, Fr. Kerr, Fr. Kolucki, Fr. McAndrew, Fr. Meier, Fr. Shaughnessy

The program in religion at the University of Scranton has been organized upon the fundamental principles that religion is something vital, which must be lived as well as understood. It is not intended to train theologians but rather to form thoroughly enlightened and strongly motivated Catholic gentlemen, bent upon attaining their full stature in the Mystical Body of Christ.

1 & 2. *The Quadriform Gospel: the Incarnation* *2 credits*

The origin and literary type of the Gospels: their historical and religious value, source books of Christian origins. The structure, content and characteristics of each of the four Gospels. A study of the person of Christ as revealed in the Gospels. From this study will emerge the significance, structure and organic development of Christ's life, and of the work which He came to accomplish. Doctrinal implications of the Incarnation.
Two semesters

21 & 22. *The History and Significance of the Redemption* *2 credits*

The history of the death and resurrection of Christ. Theological implications of Redemption: supernatural elevation of mankind, original sin, atonement, sanctifying grace. The Immaculate Conception. The death of Christ: a sacrifice; sacrifice in the new dispensation; the Mass, Sacrament of the Eucharist, Priesthood in the Church. The Liturgy of the Mass.
Two semesters

51 & 52. *Redemption and the Life of Christ* *2 credits*

The mystery of the Word made Flesh. The union of the divine and human natures in the Person of Christ. The human intellect and will of Christ; theandric actions, holiness and merits of Christ. The prophetic office, power and priesthood of Christ; the redemptive sacrifice; the worship of Christ. Mariology. The effects of the redemption; supernatural life in Christ; the necessity and nature of sanctifying and actual grace; growth in Christ.
Two semesters

101 & 102. *The Origin and Development of the Kingdom of Christ* *2 credits*

Study of the infant Church in the Acts of the Apostles and the Letters of St. Paul. The revelation of the Holy Spirit as the Spirit of the Church. The Trinity. The Spirit of the Church, as a social organization and as the Mystical Body of Christ. The Church as the distributor of the merits of the Redemption: the Sacraments. The realization of God's eternal Plan in and through the Church of Christ. The Virtues, the gifts of the Holy Spirit. The Last Things.
Two semesters

110 & 111. *Christ, the Church, and the Modern World* *2 credits*
The attitudes and positions of the modern world in reference to Jesus Christ and to His Church. The historical value of the Gospels. The divine origin of the Church of Christ. The Church's social program for the renewal and reinstitutionalization of the social order; grasp of the family as the fundamental social unit (doctrine of marriage); the functional place of the layman in the Church, and his modern vocation.
Two semesters

DEPARTMENT OF SOCIAL SCIENCES

Mr. Baldi, *Acting Chairman;* Mr. Mott, Mr. Reilly

Training in the Social Sciences has several aims: (1) the student receives the general cultural development which helps him to adapt himself better to the various societies of which he is a member; (2) it prepares him to assume a degree of leadership in improving the means employed by these groups in attaining their proper ends. The courses in Social Science are adaptable to the ends of both the terminal and prospective graduate student. A Major in Sociology shall consist of Soc. 21 and 22, plus 24 elective credits in Sociology. A Major in Economics shall consist of Econ. 23 and 24, plus 24 elective credits in Economics and Business 1-2, 103-104, 105-106. These specific majors are designed to more adequately prepare the student for graduate work in the fields of Sociology, Economics, Labor Relations, and Social Work.

ECONOMICS

23 & 24. *Principles of Economics* *6 credits*
An introduction to the principles of economic theory and their application to present-day problems. Economic organization of the United States—of consumption, production and marketing, foreign trade, money and credit, prices, foreign exchange, wage theories and the relation of employer and employed, capital and interest, rents, profits, and taxation. The course concludes with a critical examination of modern capitalism and alternative economic systems.
Two semesters

101. *Labor Problems* *3 credits*
History of labor as a social and economic group; development and philosophy of trade unions; labor legislation; methods of dealing with insecurity and inadequate income; organizational and jurisdictional problems of unions; labor-management relations. Prerequisite: Econ. 24.
One semester

102. *History of Economic Thought* *3 credits*
This course is a survey of the wide field of economic thought. Particular stress is placed on the economic and socio-political factors of the time. Prerequisite: Econ. 24.
One semester

103. *Economic Geography* *3 credits*

A study of the physical environment which in a large sense sets the stage for all economic activities. Specifically, the influence of climate, land forms and soils and their distribution on the surface of the earth are investigated. Emphasis is placed upon the relation of physical factors and economic conditions to the production and exchange of the world's leading commercial products. The North American, South American and European continents are studied, with emphasis being placed on their relationship to the United States. Prerequisite: Econ. 24.
One semester

104. *Economic History* *3 credits*

The background of European expansion in America. The American Revolution as a social movement. The economic forces that conditioned the development of the United States prior to 1860. The economic bases of Southern Secession and the breakdown of the confederacy. The economic aspects of the reconstruction policy, agriculture and agrarian discontent. The emergence of large scale enterprise and its attendant problems. The development of the United States as a major world power. The economic and social problems of World War I and the post-war period. The great depression, boom and World War II periods and problems of current significance. Prerequisite: Econ. 24.
One semester

105. *Labor Law and Legislation and Industrial Relations, I* *3 credits*

The study of the economic forces which have engendered labor legislation, and a case analysis of the effect of resulting conditions on employer-employee relations. A survey of the Acts of Congress of the United States and of the legislature of the Commonwealth of Pennsylvania in the field of industrial relations. A discussion of pertinent decisions. The subject matter includes a study of evolution of legislation, the history of industrial disputes and the influence upon labor-management relations in the fields of law, economics, sociology and industrial management. The purpose of this course is to give the student majoring in the social sciences, and in general business, concentrating in management or economics, a comprehensive knowledge of the problems involved, and the possible solutions, in these fields of labor-management relations.

Survey of American Labor Struggles. Summary of the history, theory and evolutions of labor combinations. An analysis of the effects of labor legislation and economic forces in the fields of law, economics, sociology and industrial management as evidenced by Federal and State legislation and court decisions. Early doctrines. Structure and purpose of labor combinations. Labor Injunctions. Lawful and unlawful striking activity. Lawful and unlawful picket activity. The Clayton Act. The Norris-LaGuardia Act. Prerequisites: Business 108; Econ. 24.
One semester

106. *Labor Law and Legislation and Industrial Relations, II* — *3 credits*

The Boycott. Labor and the Sherman Act. The National Labor Relations Act. The Railway Labor Act. Incidents of union membership. State laws. The Fair Labor Standards Act. Prerequisite: Econ. 105.
One semester

SOCIOLOGY

21. *Basic Sociology* — *3 credits*

Basis of Society: Man. His spiritual nature; his animal nature; his rational nature; his social nature; his culture.
Function of Society: The social processes: competition, conflict, co-operation, accommodation, assimilation and stratification and their relationship to social control.
Structure of Society: Types of communities, populations. The family as the basic social institution; political, religious, economic, ethnic and racial, and educational institutions.
One semester

22. *Social Problems* — *3 credits*

An analysis of the major social problems affecting modern society. Consideration is given to such factors as poverty and dependence, physical illness and defectiveness, mental deficiency, mental and emotional illnesses, problems of old age, family breakdown, transiency, housing, crime and delinquency, standards of living and race problems. Attention will be given to the social legislation bearing on the above, resources for treatment and prevention, and deficiencies in existing programs of both a governmental and voluntary nature.
One semester

102. *The Family* — *3 credits*

Sociological role of the family; history of the family; family organization and social control; legal regulation of marriage and the family; religion in the home; eugenics and the family; rural and urban families; trends in marriage and divorce; intermarriage; economic factors in the home; disintegrating factors in family life; foundations of marital happiness; security; co-operation with community agencies.
One semester

103. *Criminology and Penology* — *3 credits*

The course will cover the contributions of the Classical, Neo-Classical and Positivist schools of thought to the development of the science of criminology. Consideration will be given to the physical, psychological and environmental factors in crime. The role of the home, family and social relationships will also be evaluated. Special attention will be given to the question of juvenile delinquency.

The methods and instrumentalities of criminal justice such as the police, the criminal and juvenile courts, prisons, probation and parole will also be discussed, as will a program of crime and delinquency prevention.

One semester

104. *Social Origins* *3 credits*

A survey of the present state of knowledge in the field of cultural anthropology. Analysis will be made of the modern primitive cultures for the light they shed on the possible stages in man's cultural acquisitions. The social, economic, religious and political structures and processes in various contemporary primitive societies and the corresponding structures and practices in modern civilization will also be studied.

One semester

105. *Sociological Theories* *3 credits*

A survey of the development of sociological principles beginning with Comte and including a comparison of the modern major schools of thought such as the mechanistic, geographical, democraphic, biological, economic, sociologistic and integrative.

One semester

106. *Community Organization* *3 credits*

The purpose, scope and method of community organization, both as a social work field and process, and as a field of human endeavor. The relationship of community organization to social case work, group work, social research, social planning and social action will be discussed. Special attention will be given to those agencies which have community organization as their major function and purpose, such as Community Chests and Councils, as well as those agencies in which it is a secondary function. Lectures will be supplemented by discussion of various aspects by workers in the field.

One semester

107. *Child Welfare* *3 credits*

An analysis of the philosophy and development of child welfare in the United States with consideration given to the historical development of the problem in England; consideration is given to the methods in which basic needs for all children are met through educational, health, recreational and child labor regulations. Particular emphasis given to the study and treatment of dependent, neglected, delinquent and illegitimate children in their own homes, foster homes and institutions. The administration of child care and protective programs through private agencies functioning on Federal, State and local level will also be studied. Lectures supplemented by discussion of various aspects by workers in the field.

One semester

108. *Communist, Fascist, and Democratic Societies* *3 credits*
A comparative structural analysis of actual and ideal type communistic, fascist, and democratic societies, measured in terms of efficiency, integration, and justice to all peoples directly or indirectly concerned.
One semester

109. *The Field of Social Work* *3 credits*
An analysis of the growth of social work as a professional endeavor. The scope of social work: case work in the medical, psychiatric, family and child welfare and guidance field; community organization as exemplified in the community chest and council, social research, social planning, social group work. Evolution of training for social work. Schools of social work, national associations, number of social workers, demand for social workers, salaries. Current trends in social work. Lectures supplemented by discussions of specific areas by workers in the field.
One semester

110. *Problems of Marriage and Family Life* *3 credits*
This course is intended to cover the practical problems of every day living encountered in marriage and family living, and as such is not primarily concerned with sociological considerations. While the role of religion in marriage and family living is given due consideration, the course is not intended to adequately cover this relationship. The major focus of attention will be given to the preparation for marriage, selection of a partner, financing the marriage, harmonies and discords in the marriage, problems of parenthood and family administration, family crises and ways of meeting them, and the successful and happy marriage and family union. Restricted to seniors.
One semester

111. *Urban Sociology* *3 credits*
A sociological analysis of the effects of modern urbanization on human institutions, population trends and social relationships, the course attempts to give the student an appreciation of the impact of city life. The student is then able to make an intelligent inquiry into the disorganization of city life and to approach the solution of urban problems intelligently.
One semester

INSTITUTE OF INDUSTRIAL RELATIONS

The Institute of Industrial Relations is an autonomous integral part of the University. The history and general aims of the Institute are set forth under General Information.

The classes of the Institute are open to men and women interested in the intricate and specialized field of Industrial Relations. No academic credits are awarded for the courses pursued in the Institute but students who complete a required number of Institute courses are awarded a Certificate of Achievement in Industrial Relations.

Among the courses offered by the Institute are the following:

Basic Economics
Industrial Ethics
Labor Law
Political Parties and Pressure Groups
Parliamentary Procedure
Grievance Procedure
Basic Sociology (The Nature of Society)
Employee Welfare Plans
Causes of Industrial Peace
The Labor Contract
Industrial Psychology
Wages, Prices, Profits
Economic Problems of the Anthracite Region
Collective Bargaining
History and Philosophy of Organized Labor
Effective Writing
Fundamentals of Public Speaking
Argumentation and Debate
International Aspects of Industrial and Labor Relations
Communism, Facism and Democracy
The National Income and Its Distribution
Understanding the American Constitution
The Federal System of Government in the United States
Principles and Practice of Arbitration
Mediation and Conciliation
Statistics and Statistical Methods in Industrial Relations
Speech Analysis

Information regarding the semesters, classes and requirements of the Institute may be had by addressing the Director of the Institute.

Religious Organizations

LEAGUE OF THE SACRED HEART

The League of the Sacred Heart and Apostleship of Prayer is the oldest organization at the University of Scranton; it was founded in 1906 and at that time aggregated to the central office of the League. Membership is open to all Catholic students. The League has for its purpose to foster among its members a sincere devotion to the Sacred Heart and, by the union of its members in prayer, to make reparation for sin and promote the apostolic work of the Church. Regular meetings are held on the first Friday of the month at 8:45 A. M.

Moderator: Reverend Joseph Kerr, S.J.
Prefect: Thomas Carney

THE SWORDSMEN

The Swordsmen (The Sodality of Our Lady), under the primary title of the Immaculate Conception and with Saint Aloysius as its secondary patron, was founded at the University of Scranton on December 6, 1942, with the approval of the Bishop of Scranton and subsequently aggregated to the Roman Prima Primaria Sodality. Its object is to foster filial devotion to the Mother of Christ and the practice of virtue and piety among its members. The Swordsmen is divided into two groups. The first group is for seniors and juniors. Father Joseph Kerr, S.J., is moderator of this section. The second group is for the sophomores and freshmen. The moderator of this section is Mr. Wallace Campbell, S.J.

Every Friday morning the Swordsmen attend a special Mass in La Salle Hall. They conduct the Annual Mission Bell Dance for the benefit of the Jesuit Missions in India. They sponsor the May Devotions held on the campus. They operate a pamphlet rack. They hold discussions on Mariology in conjunction with Marywood College. They teach catechism in eight parishes around Scranton. They act as promoters of the League of the Sacred Heart and the Apostleship of Prayer. They keep the University informed of the pictures approved by the Legion of Decency.

Moderator: Reverend Joseph Kerr, S.J.
Assistant Moderator: Mr. Wallace D. Campbell, S.J.
Prefect Senior Sodality: Thomas Carney
Prefect Junior Sodality: Edward D. Soma

College Organizations

PURPOSE

The University of Scranton encourages extracurricular organizations as important factors in collegiate life, developing the social side of a student's character, exercising his abilities and furnishing opportunities for the development of initiative and leadership. These activities are part of the life of the collegiate community and ought to be part of the life of every student. Therefore, every student will be urged to participate in one or more of these activities to the extent that his scholastic standing will permit.

ALPHA SIGMA NU

Alpha Sigma Nu is a National Honor Society with chapters in various Jesuit Colleges and Universities throughout the United States. It is a society organized to honor students who have distinguished themselves in scholarship, service and loyalty to their college. Candidates are drawn from the Junior Class and are nominated by the local chapter, which also certifies the qualifications of the nominees. Those who are approved by the President of the University and the Dean are elected members and initiated into the organization.

Moderator: Reverend John E. Wise, S.J.

President: Clerio Pin

ALUMNI SOCIETY

The University Alumni Society has been formed to perpetuate friendships formed at the University, to foster among its members a spirit of loyalty to their Alma Mater and to extend the influence and advance the interests of the University. Regular meetings and reunions are held from time to time as prescribed in the rules and by-laws of the Society.

Honorary President: Right Reverend Monsignor Patrick J. Boland.

President: Mr. Frank J. O'Hara.

First Vice-President: Reverend Stanley J. Kolucki.

Second Vice-President: Mr. James G. Hopkins.
Secretary: Attorney Vance L. Eckersley.
Treasurer: Attorney Francis P. Valverde.
Executive Secretary: Mr. Joseph T. Diskin.

THE AQUINAS

The Aquinas is a newspaper published twice a month during the course of the school year by the students of the University. Its purpose is to foster the development of literary expression among the students, to afford a practical training in Journalism and to chronicle the events of University life.

Editor: James J. Cusick.
Moderator: Reverend John A. Jacklin, S.J.
Assistant Moderator: Mr. Paul R. Beining, S.J.

ATHLETIC ASSOCIATION

In addition to governing and promoting intercollegiate competition in athletic games the association provides a program of physical training and intramural sports for the student body.

Faculty Manager: Reverend John J. Coniff, S.J.
Graduate Manager: Mr. Frank J. O'Hara.
Coach of Football and Director of Physical Education: Mr. Peter A. Carlesimo.
Coach of Basketball: Mr. Douglas M. Holcomb.
Coach of Baseball: Mr. Raymond J. Roche.

THE ART CLUB

The Art Club affords an opportunity to participate in real art experiences. The students learn the use of the various art media and enjoy a weekly studio period for the production of original works. Appreciation of the artistic endeavor of today is acquired through visits to museums and through the sponsoring of art exhibitions at periodic intervals.

Moderator: Mr. Lawrence A. Mann.
President: William P. Badger.

THE UNIVERSITY BAND

The University Band is open to any student with an aptitude for music. The band plays at many of the athletic contests, various University exercises and gives an annual concert. Active members in the band are eligible for the school letter after one year and the gold award after two years.

Moderator: Mr. Francis R. Scherer, S.J.
Moderator: Mr. Paul R. Beining, S.J.
Director: Mr. Peter F. Samony.
Student Director: John S. Coles.

BIOLOGY CLUB

Junior and Senior students who are majoring in Biology may, by the demonstration of interest and proficiency in the subject, become members of the Biology Club. This organization enables the students more intensely interested in the biological sciences to further their own education especially in the fields which are not covered in classroom work. The members meet every second week for student discussion of current biological topics and, in addition, engage in various projects for the benefit of the department, the school and the community.

Moderator: Dr. Leonard Wolf.
President: George Evans.

THE BUSINESS CLUB

The University of Scranton Business Club is an organization composed of graduates and students of the University who are interested in Business Administration and Accounting. The object of this club is to give the business student closer contacts with actual business practices and to acquaint him personally with both local and national business executives and firms.

Meetings are held each week in the Business Building and each month a dinner meeting is held at which prominent guest speakers from the fields of business and economics are presented to the club. Field trips to local and distant industries are another activity of this organization.

Moderator: Mr. John P. McLean.
President: Fred J. Gentile.

UNIVERSITY OF SCRANTON CHAPTER
STUDENT AFFILIATES, AMERICAN CHEMICAL SOCIETY

To keep abreast of developments and improve their perspective in the ever-growing field of chemistry, undergraduates in the chemistry major curriculum became affiliated with the American Chemical Society, a national professional organization, thereby gaining recognition collectively as the University of Scranton Chapter of Student Affiliates.

Objectives of the organization are: to encourage in the broadest and most liberal manner the advancement of chemistry in all branches; to promote research in chemical science and industry; the improvement of the qualifications and usefulness of chemists through high standards of professional ethics, education and attainments; the increase and diffusion of chemical knowledge; and by its meetings, professional contacts, and reports to promote scientific interests and inquiry.

Moderators: Mr. Umbay H. Burti and Mr. Joseph P. Neary.
Chairman: Douglas J. Kelly.

COUNCIL OF DEBATE

The University of Scranton Council of Debate offers its members the opportunity to train themselves in public speech and informal debate. Besides the regular weekly debate at the University, the debaters present a program each Thursday over Station WQAN, in which they discuss topics of vital interest to the world. Other activities of the Council of Debate are intercollegiate debates and the annual oratorical contest. The Council is a member of the NFCCS and the National Forensic Commission.

Moderator: Mr. Robert E. O'Brien, S.J.
President: Guy Petroziello

DEUTSCHER KREIS

The students of German at the University are assembled around the association whose name is "Deutscher Kreis." Besides a general educational ideal the "Deutscher Kreis" has a practical goal, namely, to support the German courses at the University, to *promote* practical use of German language in conversation, to

awaken interest in German culture, literature, civilization, history, in German people and their problems, to *aspire* to an understanding which goes beyond the limits of the nationality and language.

"Deutscher Kreis" has its traditions, its song, and the activity extends through various special units or sections which are established at the beginning of the academic year. The association has relationship with similar organizations in the other schools with whom it organizes joint meetings, contests, social evenings.

Moderator: Reverend Joseph P. Beleckas, S.J.

President: Daniel K. Green.

THE ECONOMICS CLUB

This organization restricts its membership to students who are majoring in Economics. Its objective is to promote interest in economic theory and problems by providing the opportunity for discussion groups to function most profitably. In addition, the group plans to sponsor field trips and to conduct economic research projects of general as well as of local interest.

Moderator: Mr. Vincent V. Mott

President: Frank Brozdowski

LE CERCLE FRANCAIS

Le Cercle Francais is open to all students of the University who are particularly interested in increasing their proficiency in the use of French language and in acquiring a better understanding of the culture and civilization of the people whose language they are studying.

The club activities stress the importance of French culture in the development of modern society. Weekly meetings conducted in French are devoted to discussions of various phases of French civilization and literature. The Cercle encourages the exchange of letters with French and Canadian correspondents, thereby cementing friendly relationship between countries. The Cercle also sponsors occasional guest speakers.

Moderator: Mr. David G. Sherman.

President: William R. Fenstermacher.

THE GREEK CLUB

The Greek Club is an academic organization open to all the students of the University. Its purpose is to acquaint its members with various phases of Greek culture in their relationship to present-day civilization. The club affords a fine opportunity of supplementing one's education with a study of the rich culture of ancient Greece, the cradle of Western civilization. During the 1949-1950 session the club studied Greek drama in translation.

Moderator: Mr. Robert E. O'Brien, S.J.

President: Thomas L. Carney.

INTERNATIONAL RELATIONS CLUB

The International Relations Club was founded in 1938 in order to promote a more intensive study of international problems and to gain a clearer understanding of international relations. Open forum discussions are held twice each month and occasional radio broadcasts are given by members of the forum. Joint meetings with the Marywood International Relations Club are held periodically. The forum is affiliated with the international relations clubs of the Carnegie Foundation for International Peace.

Moderator: Mr. Francis X. Gerrity.

President: George Taschman.

THE LOYOLANS

The Spanish Club is an organization composed of students of the University who are interested in the study of Spanish. The objectives of the club are to acquaint the members with the written and spoken language and to study the life, literature and culture of the Spanish-speaking countries.

Meetings are held monthly in the Arts Building. Several social gatherings are held during the scholastic year. The annual Spanish Fiesta is the organization's outstanding social event of the year.

Moderator: Mr. Frank A. Cimini.

President: Carl A. Slivinski.

THE OUT-OF-TOWN CLUB

Founded in 1947, this club is designed to aid the student from out of town in supplementing the regular extracurricular activities at the University with special programs of an intellectual, artistic or social nature to meet his special needs.

Moderator: Reverend James A. Harley, S.J.
Assistant Moderator: Reverend W. Murray Cunningham, S.J.
President: Joseph P. Marusak.

THE PHYSICS CLUB

The Physics Club is primarily an organization for those students who are majoring in the science of Physics. The membership is also open to those who are studying Physics and wish to extend their understanding of this science. The purpose of the Physics Club is to afford the members opportunities to become more familiar with the activities of physicists, the applications of physical principles and the outstanding developments in the field of physics.

Moderator: Dr. Joseph P. Harper.
President: Robert J. Schemel.

UNIVERSITY PLAYERS

The Undergraduate Dramatic Society of the University of Scranton is the University Players, under whose sponsorship the program of University Dramatic Productions on stage and radio is presented. Membership in the University Players is restricted to students who have taken active part in the annual productions on stage and radio. Freshmen serve as apprentice members during their first year. Actual participation in the program of productions, however, is not limited exclusively to members of the University Players, but is open to all students of the University Day and Evening classes. Meetings of the University Players are held twice monthly and consist of a planned program of lectures and discussions on playwriting, stagecraft, production and design.

Moderator: Reverend Richard F. Grady, S.J.
Assistant Moderator: Mr. Lawrence J. Pontrelli.
President: Arthur A. North.

POLITICAL SCIENCE CLUB

The Political Science Club is composed of students who are actively interested in the nature, functions and problems of our American government. It conducts seminars and debates on current issues and runs model legislatures, both state and national. The emphasis is on active student initiative and participation on projects that are real issues for the country at large.

The club is affiliated with the Intercollegiate Conference on Government which is composed of representatives from all the major institutions of higher learning in the Commonwealth of Pennsylvania. Each year the Conference sponsors a meeting of all its units, usually in Harrisburg, where the students simulate model legislatures, model constitutional or nominating conventions, or model United Nations Assembly. In addition radio forums and joint meetings with other northeastern colleges are sponsored by the club.

Moderator: Dr. Clarence C. Walton.
Assistant Moderator: Mr. Timothy H. Scully.
President: Henry J. Zeshonsky.

THE UNIVERSITY SINGERS

The University Singers affords students with sufficient vocal talent an opportunity to develop this talent with practice in choral singing. During the year the University Singers appear in connection with various University exercises and give occasional concerts. Active members in the Glee Club are eligible for the school letter after one year and the gold award after two years.

Moderator: Mr. Francis R. Scherer, S.J.
Director: Norbert K. Betti.
President: Robert T. Marshall.

STUDENT COUNCIL

The management of extracurricular and social activities at the University is placed in the hands of the Student Council. The range of its duties includes the preparation of the social calendar, the running of assemblies, the supervision of elections, the initiation and promotion of all kinds of student endeavor and the observance of college traditions.

The Student Council is composed of the President of the student body, the class presidents, a representative of each extra-curricular activity, a moderator and an assistant moderator. Regular weekly meetings are held for the conduct of ordinary business.

Moderator: Reverend John E. Wise, S.J.

Assistant Moderator: Mr. Francis C. Brown.

President: James J. Furey.

THE WINDHOVER

The Windhover is the annual Year Book publication of the students of the University. Its aim is to serve as a record of the school year and as a memorial of the Senior Class.

Moderator: Reverend John A. Jacklin, S.J.

Assistant Moderator: Mr. Wallace Campbell, S.J.

Editor: Melvin L. Long.

Scholarships

Among the many needs of the University none is of more importance than the foundation of scholarships to meet the increasing number of requests from students of exceptional ability, who without financial aid are unable to secure the advantages of a college education. To found a full scholarship requires the sum of $15,000; partial scholarships can also be established by smaller gifts. Each scholarship will bear and perpetuate the name of the donor or the person designated by him. All scholarships, full or partial, are accepted with the understanding that the income from the sum will be the amount applicable to the holder of the scholarship.

The student in possession of a scholarship will be required to maintain an average of 1.5 and observe the scholastic and disciplinary regulation of the University. Failure to do so entails forfeiture of the scholarship. Students holding a partial scholarship will pay the amounts their scholarships fall short of the full tuition. Books, fees and other incidental expenses are not included in any scholarship. The following scholarships are available:

COMPETITIVE SCHOLARSHIPS

The University of Scranton offers nine (9) scholarships to senior male students of highest ability and achievement. These scholarships are valued at $4800 and are awarded on the basis of the secondary school record, the Principal's recommendations and on the results of competitive examinations given in the spring semester under the following plan:

A. For the initial screening of all competitors a single test of scholastic aptitude will be given in the various high schools. This examination requires no special preparation. It is approximately one hour in length and is a test of linguistic and quantitative aptitude. On the basis of these test scores the fifty highest-ranking students are determined.

B. The fifty students selected under part A are given a general achievement test battery for final selection. Finalists are determined on the basis of the nine highest aggregate scores on this battery.

Announcement of the winners is made as soon as possible after the completion of testing and the nine scholarships are distributed as follows:

First Award: A three year scholarship.....$400 per year
Second Award: A two year scholarship..... 400 per year
Balance: Seven one year scholarships..... 400 per year

The recipients may matriculate in any succeeding term as candidates for a degree. The continuation of the scholarships is contingent upon maintenance of a 1.5 average.

Interested students from schools not visited by scholarship representative may obtain further details from the Registrar.

PURPLE CLUB SCHOLARSHIPS

Twenty scholarships of the value of $150 each are annually awarded by the Purple Club. The Board of Directors of the Purple Club selects the students to whom these scholarships are awarded.

GIFTS AND BEQUESTS

Gifts to the University may take the form of funds for the establishment of scholarships or professorships; or the foundation of medals and other prizes; of additions to the material equipment; of collections of educational value; of contributions to the general fund, or may be undesignated. Those desiring to make a bequest to the University of Scranton may be helped by the following suggested form:

FORM OF BEQUEST

I give (devise) and bequeath to the University of Scranton, an institution incorporated under the laws of the Commonwealth of Pennsylvania and located in Scranton, Pennsylvania, and its successors forever the sum of..... .....dollars (or otherwise describe the gift) for its general corporate purposes (or name a particular corporate purpose).

Evening and Summer Sessions

The University offers the use of its facilities to adult groups who are unable to attend the regular day sessions but who wish either to complete studies for a degree or to broaden and refresh their acquaintance with various fields of knowledge without seeking a degree. To meet their needs courses of study are conducted during the summer and in the evening from 6:30 to 10:00 o'clock. The courses which are offered are taught by members of the University faculty; and the instruction which is given will be the same standard as the courses offered during the regular day sessions.

A candidate for the degree of Bachelor of Arts or Bachelor of Science in the evening and summer sessions must satisy the requirements for admission and the same standards of scholarship as the students in the day sessions. The curriculum for a degree comprises one hundred and twenty-eight semester hours of college studies, of which thirty-two at least must be completed in regular course at the University.

Each candidate is obliged to complete at least one year of residence prior to the final examination for the degree: a residential year supposes the completion of a minimum of thirty-two semester hours at the University. Students working for a degree are required to follow the prescribed sequence in certain courses, and must have their program of studies for each year approved by the Dean. Teachers in service may earn a maximum of six credit hours per semester in the evening sessions. All students who intend to do practice teaching must notify the Director of Practice Teaching at least three months prior to the practice teaching period.

The Summer School courses will run for eight weeks; the lecture and laboratory work will be so arranged that credit for one semester's work may be given in the courses taken. Students, at the discretion of the Dean, may be permitted to pursue courses in the Summer Session for the purpose of obtaining advanced standing. Students who are delinquent in any course are required to attend the summer sessions to make up their deficiencies.

ANNUAL COMMENCEMENT
UNIVERSITY OF SCRANTON

June Fifth, Nineteen Hundred Forty-nine

Program

Processional—Algerian March ..... *Saint-Saens*

Star Spangled Banner ..... Audience

Invocation—Veni Creator ..... The Graduates

President's Address..... The Very Reverend J. Eugene Gallery, S.J.

Selection—Intermezzo from Naila..... *Delibes*

CONFERRING OF DEGREES

Address to the Graduates

The Honorable Jefferson Caffery, Ph.D., LL.D.
United States Ambassador to France

Apostolic Benediction

His Excellency, The Most Reverend William J. Hafey, D.D.
Bishop of Scranton

Recessional—The Stars and Stripes..... *Sousa*

DEGREE CANDIDATES — JUNE, 1949

GRADUATED WITH HIGHEST HONORS

James Girard Brennan, B.S.

GRADUATED WITH HONORS

Paul John Andrews, B.S. — *Cum Laude*
Donald Schmaltz Anthony, B.S. — *Cum Laude*
Cyril Joseph Banick, B.S. — *Cum Laude*
Robert Michael Barrett, B.S. — *Cum Laude*
Charles H. Beattys, B.S. — *Cum Laude*
Ralph Eugene Bernardi, B.S. — *Cum Laude*
Joseph Eugene Brady, B.S. — *Cum Laude*
Edward Boles Burdulis, B.A. — *Cum Laude*
David Henry Burton, B.S. — *Magna Cum Laude*
Edward George Cahill, B.S. — *Cum Laude*
Raymond Vincent Carr, B.S. — *Cum Laude*
Anthony John Casciano, B.S. — *Cum Laude*
Joseph Francis Clunan, B.S. — *Magna Cum Laude*
Joseph John Collura, B.S. — *Magna Cum Laude*
Robert Joseph Connerton, B.S. — *Cum Laude*
Vincent Linus Connery, B.S. — *Cum Laude*
John Chester Cwiklik, B.S. — *Cum Laude*
William J. Davis, B.S. — *Cum Laude*
Joseph Nicholas DelRosso, B.A. — *Magna Cum Laude*
John Philip Duffy, B.S. — *Cum Laude*
Michael Elko, B.S. — *Cum Laude*
Marcel Peter Favini, B.S. — *Cum Laude*
Irving Ralph Finley, B.S. — *Cum Laude*
August Frank Frattali, B.S. — *Cum Laude*
William A. Gabello, B.S. — *Magna Cum Laude*
John Joseph Gebert, Jr., B.S. — *Cum Laude*
Edward J. Grysavage, B.A. — *Cum Laude*
Paul Francis Hart, B.S. — *Cum Laude*
Marie Perina Heid, B.S. — *Cum Laude*
Thomas Joseph Henley, B.S. — *Cum Laude*
Harmon Elmer Holverson, B.S. — *Magna Cum Laude*
Charles Joseph Hoppel, B.S. — *Magna Cum Laude*
Michael John Hricko, B.S. — *Cum Laude*
Ernest E. Jonas, B.S. — *Cum Laude*
Francis Vincent Kelly, B.S. — *Cum Laude*
John Jacob Krafsig, B.S. — *Magna Cum Laude*
Francis Xavier Kranick, B.S. — *Magna Cum Laude*
Edward Lawrence Lacomis, B.S. — *Cum Laude*
Harold Lakin, B.S. — *Cum Laude*
Francis P. Long, B.A. — *Magna Cum Laude*

GRADUATED WITH HONORS—*Continued*

Jerome Benjamin Malaker, B.A.....*Cum Laude*
Eugene Mancuso, B.S.....*Magna Cum Laude*
John Daniel McDonnell, B.S.....*Cum Laude*
George Francis Mihok, B.S.....*Cum Laude*
Harry Minkoff, B.S.....*Cum Laude*
William Joseph Moran, B.S.....*Cum Laude*
Donald James Murphy, B.S.....*Cum Laude*
John Joseph Murray, B.S.....*Cum Laude*
William James Murray, B.S.....*Cum Laude*
James William Nixon, B.S.....*Cum Laude*
James Edson O'Connell, B.A.....*Cum Laude*
Melvin Oram, B.S.....*Cum Laude*
Ralph W. Raisbeck, B.S.....*Cum Laude*
John Joseph Remetta, B.S.....*Cum Laude*
Daniel Colvin Schadt, B.S.....*Cum Laude*
Frank Daniel Serino, B.S.....*Cum Laude*
Stanley Anthony Serosky, B.S.....*Cum Laude*
Joseph Donald Shockloss, B.S.....*Cum Laude*
Morris Shufler, B.S.....*Cum Laude*
Stephen Joseph Sopkia, B.S.....*Cum Laude*
John Joseph Spitzer, B.S.....*Magna Cum Laude*
Joseph Paul Stanavage, B.S.....*Cum Laude*
Michael Joseph Stoko, Jr., B.S.....*Cum Laude*
Selig Simon Strassman, B.S.....*Cum Laude*
Lawrence Tama, B.S.....*Magna Cum Laude*
Gerald Tannenbaum, B.S.....*Cum Laude*
Orlando Patrick Tedesco ,B.S.....*Cum Laude*
Patrick Joseph Walker, B.S.....*Cum Laude*
John Edgar Walsh, B.S.....*Magna Cum Laude*
Paul Francis Waters, B.S.....*Magna Cum Laude*
Donald John Werner, B.S.....*Cum Laude*
Jerome Wildes, B.S.....*Magna Cum Laude*
William Joseph Yanoshat, B.S.....*Cum Laude*
Robert W. Zimmerman, B.S.....*Magna Cum Laude*

BACHELOR OF ARTS

Major: Classics and Literature

Edward Boles Burdulis
Alfred Aloysius Bushinsky
Tullio Mark Camorani
Francis James Cook
Joseph Nicholas DelRosso
Laurence Francis Farley
Gene Emil Giordano
Anthony Michael Gren, in Honors
Edward Joseph Grysavage
Vincent Michael Hysick
Leo Joseph Klepadlo
Francis P. Long, in Honors
Jerome Benjamin Malaker
Joseph Leo McCarthy, in Honors
John Joseph McGraw
James Edson O'Connell
William John Sullivan
Thomas F. Tisko
Anthony Tylenda

BACHELOR OF SCIENCE

Major: Social Studies

Victor Joseph Alfano
John Joseph Archer
John Francis Bartkowski, Jr.
Ralph Eugene Bernardi
Joseph Walter Boland
Vincent John Bosak
Joseph Emmett Brislin
John Joseph Burke
Joseph Dennis Burke
David Henry Burton
Anthony Joseph Capone
Peter Nello Capozza
Anthony Robert Cardiello
John Ferris Cawley
Salvatore Stephen Ciccotelli
Joseph Patrick Clancy
Joseph M. Connors
Patrick J. Cuff, Jr.
John Joseph Culkin
Joseph Donald Cummings
Nathaniel Francis Dearie
Michael Vincent Denoia
James A. Devenney
Ralph Alfonso DiSanto
John J. Dohmann, Jr.
Joseph Francis Donahoe
James Leo Dougherty
Thomas Joseph Drewicz
William James Felins
William James Fennie
Joseph Xavier Flannery
Eli Fleisher
Paul Joseph Flynn
John Francis Forrester
Herbert Stephen Frederick
John Thomas Gardner
Michael J. T. Gaughan
George Thomas Gennity
Palmer John Geroulo
Peter LaForce Grady
Frank James Gribbin
Edward William Guyette
John A. Hart, Jr.
Marie Perina Heid
Thomas Joseph Henley
Emil Thomas Hordesky
Warren Frederick Jones
Sidney G. Kleinberger
John Jacob Krafsig
Charles Joseph Kuschel
Eugene James Lavelle
Ursula Cunningham Leahey
Palmer P. Liberatore
Joseph Francis Lynott
James Duff McCutcheon
Joseph Patrick McDonald
Bernard Michael McDonough
Martin Joseph McLaughlin
Edward John Meenan
Joseph A. Mish
Leonard Modzelesky
William Ralph Montone
Max Moskovitz
Donald James Murphy
John Joseph Murray
Samuel Nadler
John Patrick Nealon
Walter J. Olds
Gerard Francis O'Malley
Andrew Paul Ondek
William James Orr
Ralph Joseph Penetar
Joseph Casmir Pietrolaj
Myron J. Prociak
Joseph Michael Reardon
Edward James Regan
Frederic Harold Reynolds
Peter John Rooney
Edmund Bernard Rusin
Stanley Anthony Serosky

BACHELOR OF SCIENCE

Major: Social Studies

Thomas Soberick
Anthony Francis Sobleskie
Frank Cyril Spager
Edward Joseph Stratford
John Francis Sweeney
Edward Jerome Tomasky
Benedict Joseph Volpicelli
Joseph James Walker
Thomas Francis Walker
James F. Walsh
John Edgar Walsh
John Joseph Walsh
Francis Joseph Ward
John Joseph Ward
Patrick Joseph Wastella
William Joseph Weckel
Bertrand Wilson White
Harry Malcolm Worth
Robert W. Zimmerman
Harvey Leonard Zuckerman

BACHELOR OF SCIENCE

Major: Physical and Biological Sciences

Paul Peter Ackourey
Paul John Andrews
Donald Schmaltz Anthony
Cyril Joseph Banick
Anthony J. Beardell
Raymond D. Berendt
Theodore Clarence Bielinski
Elvio Robert Boldrini
Robert Joseph Boylan
Joseph Eugene Brady
James Girard Brennan
John Joseph Brennan
William Francis Brennan
John Wilmer Brundage
Donald Edward Burke
Victor Bernard Burke
Joseph S. Bush
James Francis Caffrey
Francis Joseph Chelland
Hugh Joseph Coleman
William Gregory Crotti
Hugh John Culkin
Owen P. Cusick
John Chester Cwiklik
Walter Thomas Davis
Paul Campbell Donnelly
Paul King Donovan
John Philip Duffy
Kenneth Joseph Duffy
Joseph Thomas Fabrio
Robert Thomas Fadden
Michael James Fasciana
Marcel Peter Joseph Favini
John Anthony Ferrence, Jr.
Irving Ralph Finley
Thomas Joseph Foley
August Frank Frattali
Robert Woodward Gardier
John Joseph Gebert, Jr.
Angelo Francis Gentilezza
James Joseph Gilroy
Robert Vincent Gilroy
Thomas Joseph Golden
Edward Francis Gruss
Salem John Hadad, Jr.
Harry Benjamin Hayne
Harmon Elmer Holverson
Charles Joseph Hoppel
Michael John Hricko
Stephen Ponce de Leon Hynak
Francis Xavier Kranick
Harold Lakin
Andrew Bonar Law
Thomas Peter Loftus
Edward Robert Maciejewski
Frederick Mark Magnotta
William Patrick McAndrew
Francis Xavier McCawley
John Patrick McGowan
Elvin Glenroy Miles
Richard Sterling Miller
Edward Joseph Minsavage
Norman Wilfred Moir, Jr.
Robert Francis Moylan
William James Murray
Melvin Oram
John James Pann
William Michael Perrige
Richard Edward Powell
David Watkins Price
William Aloysius Quinn, Jr.
Edward James Raffelt
Joseph Frank Raffelt
Stanley Matthew Revitt
John Howell Reynar
James Francis Richardson, Jr.
Joseph Roberts
William Stanley Rodney
Harry Saxon
Anthony Robert Scatton, Jr.

BACHELOR OF SCIENCE

Major: Physical and Biological Sciences

Daniel Calvin Schadt
Morris Shufler
Walter Wilson Smock
Wassel Peter Sopchak
Stephen Joseph Sopkia
John Joseph Spitzer
Joseph Paul Stanavage
Selig Simon Strassman
Lawrence Tama
Gerald Tannenbaum
Orlando Patrick Tedesco
Paul Francis Waters
Donald John Werner
Charles Jay Wescott, Jr.
Jerome Wildes
Stanley Adam Witt
Arthur Stanley Wroble
Donald P. Wykoski
William Joseph Yanoshat
Joseph James Zaladonis
Anthony John Zigment, Jr.

BACHELOR OF SCIENCE

Major: Business Administration

Edward Basil Alai
George Joseph Bailey
Bartholomew Omer Baldwin, Jr.
Daniel Balish
Robert Michael Barrett
Robert William Baumgartner
Charles H. Beattys
Robert Paul Becker
Arthur Lincoln Bickmeyer
John Francis Boland
Frank Michael Bosworth
Francis James Boyd
Patrick J. Boylan
John Thomas Bradley
Paul Michael Brown
Thomas Martin Brown
William E. Brown
John Joseph Bryk
Edward George Cahill
Herbert F. Cahill
William Michael Camarca
Raymond Vincent Carr
Joseph Bernard Carroll
Anthony John Casciano
John L. Cawley
Henry S. Chapa
William Frank Chase
Chester Joseph Chmiel
Felix James Chmiel
Joseph Francis Clunan
James Paul Collier
Russell Edward Collins, Jr.
Joseph John Collura
Robert Joseph Connerton
Vincent Linus Connery
John Nicholas Costello
Conio Joseph Coviello
Thomas M. Czernik
William J. Davis
William Donald Donahoe
Bernard Morris Dubin
Michael Elko
Harold Thomas Flanagan
William A. Gabello
John Joseph Gaffney
Robert Francis Gaffney
William Philip Gallagher
Joseph Patrick Gerrity
Joseph Paul Ghilardi, Jr.
Justin Francis Gillen
Owen Henry Golden
George I. Goldman
Andrew Anthony Gretzula
Donald Post Harris
Paul Francis Hart
Joseph John Havrilla
Joseph Gerard Healey
Paul Joseph Hefferon
John Charles Hoban
Andrew Robert Hricko
William Charles Hunt
Thaddeus Adam Jablonski
Grover Blair Jay
Ernest E. Jonas
Franklin Jones
Bernard Joseph Jurgiewicz
Samuel Kamenetsky
John T. Keegan
John Joseph Keiers
Francis Vincent Kelly
Gerald James Kelly
Lee A. Kenigan
William Paul Kennedy
George Michael Kiselica
Stanley E. Kowalski
Stephen Arthur Kraieski
Albert August Kreis
John A. Kunec

BACHELOR OF SCIENCE

Major: Business Administration

Edward Lawrence Lacomis
Donald A. LaPorta
Joseph Peter LaVassar
Allen Bernard Lebowitz
Steven J. Lichak
Walter Anthony Lipski
William John Loftus
Frank Carl Longo, Jr.
Albert B. Mackarey
Gerard Edward Mahon
Neil Paul Mahoney
Walter S. Makarevich
Michael Peter Malinak
William Thomas Malone
Eugene Mancuso
William Thomas Marion, Jr.
Henry Anthony Martini
H. John Mathias
Frank Joseph Matle
John L. Matybell
John Francis McAndrew
James Patrick McAndrews
John Daniel McDonnell
George Francis Mihok
Harry Minkoff
William Joseph Moran
Thomas Joseph Morgan
Donald Moskovitz
Sheldon Moskovitz
Eugene Joseph Muldoon
Thomas Edward Mullen
Michael Morris Mulligan, Jr.
Robert Emmett Murphy
William Robert Murphy
Robert James Musgrave
Charles Joseph Naples
James William Nixon
Joseph John Notari
William O'Brien
Thomas Blackburn Oglethorpe, Jr.
Thomas Xavier O'Toole
Andrew Ralph Papa
Paul A. Patrick
John Michael Peregrim
Humberto Gerones Perez
Edward N. Perugini
Adam F. Petras
Edmund John Pieckelun
Stephen Pisko
Stephen Francis Poklemba
George Reynolds Price
Ralph W. Raisbeck
Harold Michael Ratchford
Thomas Joseph Ratchford
William John Reed
John Joseph Remetta
Donald G. Riker
Jasper John Rizzo
Robert Grant Robbins
Stanley J. Romanczyk
Peter Romanovich
James Aloysius Rooney
Maurice Patrick Salmon
Frank Louis Savo, Jr.
Francis Charles Schevets
Armine Joseph Scoblick
Frank Daniel Serino
Robert Caruth Shaffer
James David Sheeley
Joseph Donald Shockloss
Constant Francis Skaluba
Thomas Francis Skowronski
Gerald Donald Slowey
Joseph Michael Smith
Charles Nicholas Stasium
Michael Joseph Stoko, Jr.
Albert Joseph Svetalavich
Donald Roger Thomas
Thomas A. Tiberio
Dominic Gaetano Toraldo
George Joseph Vinores
Patrick Joseph Walker
Joseph Francis Walsh
Allen Bernard Weissberger
James J. Whalley
Joseph J. Wozniak

HIGH SCHOOL REPRESENTATION

Two hundred and ninety-two high schools had representatives at the University of Scranton in 1949-1950

John Adams High School ..... New York, N. Y.
Alliance High School ..... Alliance, Ohio
Altoona Catholic High School ..... Altoona, Pa.
Ambler High School ..... Ambler, Pa.
Aquinas Institute ..... Rochester, N. Y.
Archbald High School ..... Archbald, Pa.
Asbury Park High School ..... Asbury Park, N. J.
Ashland High School ..... Ashland, Pa.
Ashley High School ..... Ashley, Pa.
Assumption High School ..... Southbridge, Mass.
Atlantic City High School ..... Atlantic City, N. J.
Avoca High School ..... Avoca, Pa.
Baldwin High School ..... Baldwin, N. Y.
Bangor High School ..... Bangor, Pa.
Barrett Township High School ..... Mt. Pocono, Pa.
Barringer High School ..... Newark, N. J.
Benton High School ..... Benton Township, Pa.
Benton Vocational High School ..... Fleetville, Pa.
Berwick High School ..... Berwick, Pa.
Binghamton Central High School ..... Binghamton, N. Y.
Blair Academy ..... Blairstown, N. J.
Blakely High School ..... Blakely, Pa.
Blossburg High School ..... Blossburg, Pa.
Blythe High School ..... Philadelphia, Pa.
Blythe Township High School ..... Silver Creek, Pa.
Bradford High School ..... Bradford, Pa.
Bridgeton High School ..... Bridgeton, N. J.
Bristol High School ..... Bristol, Pa.
Brooklyn Academy ..... Brooklyn, N. Y.
Brooklyn Preparatory School ..... Brooklyn, N. Y.
Brooklyn Technical School ..... Brooklyn, N. Y.
Butler High School ..... Riverdale, N. J.
Carbondale High School ..... Carbondale, Pa.
Cardinal Farley Military Academy ..... Rhinecliff, N. Y.
Cardinal Hayes High School ..... New York, N. Y.
Catasauqua High School ..... Catasauqua, Pa.
Cathedral High School ..... Flushing, N. Y.
Cathedral High School ..... Syracuse, N. Y.
Central Catholic High School ..... Reading, Pa.
Central High School ..... Binghamton, N. Y.
Central High School ..... Santurce, Puerto Rico

Central High School.....Scranton, Pa.
Chaminade High School.....Chaminade, N. Y.
Charlotte Hall.....Charlotte Hall, Md.
Cheltenham High School.....Philadelphia, Pa.
Chester High School.....Chester, Pa.
Evander Childs High School.....New York, N. Y.
Clarks Summit High School.....Clarks Summit, Pa.
Henry Clay High School.....Lexington, Kentucky
Clearfield High School.....Clearfield, Pa.
DeWitt Clinton High School.....New York, N. Y.
Coal Township High School.....Coal Township, Pa.
Collegio America High School.....Peru
Collegio Centro America High School.....Managua, Nicaragua
Collegio Ponce High School.....Puerto Rico
Collegio San Jose High School.....Puerto Rico
Columbian High School.....Park Ridge, N. J.
Christopher Columbus High School.....Bronx, N. Y.
Conyngham & Centralia Joint School.....Aristes, Pa.
J. W. Cooper High School.....Shenandoah, Pa.
Coughlin High School.....Wilkes-Barre, Pa.
Crown Point Central High School.....Crown Point, N. Y.
Danville High School.....Danville, Pa.
Davis High School.....Mt. Vernon, N. Y.
Delahanty High School.....Jamaica, L. I., N. Y.
Dickinson High School.....Jersey City, N. J.
Dickson City High School.....Dickson City, Pa.
Dolgeville High School.....Dolgeville, N. Y.
Drake High School.....New York, N. Y.
Dunmore High School.....Dunmore, Pa.
Dupont High School.....Dupont, Pa.
Duryea High School.....Duryea, Pa.
East Orange High School.....East Orange, N. J.
East Side High School.....Newark, N. J.
Edwardsville High School.....Edwardsville, Pa.
Elmira Free Academy.....Elmira, N. Y.
Elmira Catholic High School.....Elmira, N. Y.
Elmira High School.....Elmira, N. Y.
Emmett High School.....Emmett, Idaho
Endicott High School.....Endicott, N. Y.
Exeter High School.....Exeter, Pa.
Falls-Overfield High School.....Falls, Pa.
Admiral Farragut Academy.....Pine Beach, N. J.
Fell Township High School.....Fell Township, Pa.
Fordham Preparatory School.....New York, N. Y.
Forty Fort High School.....Forty Fort, Pa.

Forest City High School.....Forest City, Pa.
Forest Hills High School.....Forest Hills, N. Y.
Fork Union Military Academy.....Fork Union, Virginia
Fountain Valley School.....Fountain Valley, Pa.
Frackville High School.....Frackville, Pa.
Frankfort High School.....Frankfort, N. Y.
Freeland High School.....Freeland, Pa.
Freeland M & M Institute.....Freeland, Pa.
Benjamin Franklin High School.....Carbondale, Pa.
G. A. R. Memorial High School.....Wilkes-Barre, Pa.
Germantown High School.....Philadelphia, Pa.
Gilberton High School.....Gilberton, Pa.
Girard College.....Girard, Pa.
Great Bend High School.....Great Bend, Pa.
Greenburgh High School.....White Plains, N. Y.
Green-Dreher High School.....Greentown, Pa.
Greenpoint High School.....Greenpoint, N. Y.
Grossmont Union High School.....Grossmont, Cal.
Haaren High School.....New York, N. Y.
Hackettstown High School.....Hackettstown, N. J.
Hallstead High School.....Hallstead, Pa.
Hamilton Township High School.....Bloomsburg, Pa.
Hanover High School.....Hanover, Pa.
Hanover Township High School.....Hanover Township, Pa.
Warren G. Harding High School.....Warren, Ohio
Harford High School.....Harford, Pa.
Harper High School.....Chicago, Ill.
Harrison High School.....Harrison, N. J.
Haverstraw High School.....Haverstraw, N. J.
Hawley High School.....Hawley, Pa.
Hazle Township High School.....Lattimer, Pa.
Hazleton High School.....Hazleton, Pa.
Hillside High School.....Hillside, N. J.
Hollidaysburg High School.....Hollidaysburg, Pa.
Holy Rosary High School.....Scranton, Pa.
Honesdale High School.....Honesdale, Pa.
Hughestown High School.....Hughestown, Pa.
Immaculate Conception High School.....Lock Haven, Pa.
Irvington High School.....Irvington, N. J.
Jamaica High School.....Jamaica, N. Y.
Thomas Jefferson High School.....Brooklyn, N. Y.
Jenkins Township High School.....Jenkins Township, Pa.
Jermyn High School.....Jermyn, Pa.
Jessup High School.....Jessup, Pa.
Johnson City High School.....Johnson City, N. Y.

Johnson School.....Dickson City, Pa.
Jonathan Dayton High School.....Springfield, N. J.
Keiser High School.....Keiser, Pa.
Kingston High School.....Kingston, Pa.
Kulpmont High School.....Kulpmont, Pa.
Lafayette High School.....New York, N. Y.
Lafayette High School.....Brooklyn, N. Y.
Lake Vocational High School.....Lake Ariel, Pa.
Larksville High School.....Larksville, Pa.
LaSalle High School.....Philadelphia, Pa.
LaSalle Institute.....Troy, N. Y.
Laurel Hill Academy.....Susquehanna, Pa.
Long Beach High School.....Long Beach, N. Y.
Long Branch High School.....Long Branch, N. J.
Carson Long Institute.....New Bloomfield, Pa.
Long Island High School.....Elmhurst, N. Y.
Luzerne High School.....Luzerne, Pa.
James Madison High School.....Brooklyn, N. Y.
Mahanoy City High School.....Mahanoy City, Pa.
Malvern Preparatory School.....Malvern, Pa.
Manual Training High School.....Brooklyn, N. Y.
Marymount High School.....Wilkes-Barre, Pa.
Mauch Chunk Catholic High School.....Mauch Chunk, Pa.
Mayaguez High School.....Puerto Rico
Mayfield High School.....Mayfield, Pa.
McAdoo High School.....McAdoo, Pa.
Meyers High School.....Wilkes-Barre, Pa.
Midwood High School.....Brooklyn, N. Y.
Milford High School.....Milford, Conn.
Millard Preparatory School.....Washington, D. C.
Mining & Mechanical Institute.....Freeland, Pa.
Minooka High School.....Scranton, Pa.
Montesano High School.....Montesano, Wash.
Mooseheart High School.....Aurora, Ill.
Moosic High School.....Moosic, Pa.
Moscow High School.....Moscow, Pa.
Mt. Carmel Catholic High School.....Mt. Carmel, Pa.
Mt. Carmel High School.....Mt. Carmel, Pa.
Nanticoke High School.....Nanticoke, Pa.
New Albany High School.....New Albany, Pa.
New Milford High School.....New Milford, Pa.
Newport Township High School.....Newport Township, Pa.
Newton High School.....Newton, Mass.
Newtown High School.....Newtown, Pa.
New Utrecht High School.....Philadelphia, Pa.

New York City High School of Commerce.....New York, N. Y.
Nicholson High School.....Nicholson, Pa.
Northeast Catholic High School.....Philadelphia, Pa.
Northeast High School.....Philadelphia, Pa.
North Plainfield High School.....North Plainfield, N. J.
Northside High School.....Westboro, Mass.
Norwich Free Academy.....Norwich, Conn.
Notre Dame Academy.....Chattanooga, Tenn.
Nutley High School.....Nutley, N. J.
Old Forge High School.....Old Forge, Pa.
Olyphant High School.....Olyphant, Pa.
Ottumwa High School.....Augusta, Ga.
Our Lady, Queen of Peace High School.....North Arlington, N. J.
Palmer High School.....Palmerton, Pa.
Passaic High School.....Passaic, N. J.
Peekskill Military Academy.....Peekskill, N. Y.
William Penn High School.....Harrisburg, Pa.
Pittston High School.....Pittston, Pa.
Pittston Township High School.....Pittston Township, Pa.
Pittsburgh Central High School.....Pittsburgh, Pa.
Plainfield High School.....Plainfield, N. J.
Plains High School.....Plains, Pa.
Pleasant Mount High School.....Pleasant Mount, Pa.
Plymouth High School.....Plymouth, Pa.
Port Carbon High School.....Port Carbon, Pa.
Pottsville Catholic High School.....Pottsville, Pa.
Pottsville High School.....Pottsville, Pa.
Preston High School.....Preston, Pa.
Pringle High School.....Pringle, Pa.
Reading Central Catholic High School.....Reading, Pa.
F. D. Roosevelt High School.....Kulpmont, Pa.
Roosevelt High School.....Keiser, Pa.
Theodore Roosevelt High School.....New York, N. Y.
Rush High School.....Rush, Pa.
Sacred Heart High School.....Scranton, Pa.
San Luis Obispo Senior High School.....Obispo, Cal.
Saugerties High School.....Saugerties, N. Y.
Sayre High School.....Sayre, Pa.
School of Industrial Arts.....New York, N. Y.
Scott Township High School.....Scott Township, Pa.
Scranton Preparatory School.....Scranton, Pa.
Seton Hall Preparatory School.....South Orange, N. J.
Sewanhaka High School.....Bellerose, N. J.
Seward Park High School.....New York, N. Y.
Shamokin High School.....Shamokin, Pa.

Shenandoah Catholic High School.....Shenandoah, Pa.
Shenandoah High School.....Shenandoah, Pa.
Shickshinny High School.....Shickshinny, Pa.
Somerville High School.....Somerville, N. J.
South Scranton Catholic High School.....Scranton, Pa.
South Philadelphia High School.....Philadelphia, Pa.
Southern Division High School.....Milwaukee, Wis.
Springfield High School.....Springfield, Pa.
St. Ann's High School.....Scranton, Pa.
St. Agnes' High School.....Elmhurst, N. Y.
St. Augustine High School.....Brooklyn, N. Y.
St. Benedict's Preparatory School.....Newark, N. J.
St. Cecelia's High School.....Scranton, Pa.
St. Edward's High School.....Shamokin, Pa.
St. Francis De Sales High School.....Utica, N. Y.
St. Francis Prep School.....Williamsport, Pa.
St. Gabriel's High School.....Hazleton, Pa.
St. James' High School.....St. James, Md.
St. John's High School.....Scranton, Pa.
St. John's High School.....Pittston, Pa.
St. Joseph's High School.....Oil City, Pa.
St. Joseph's High School.....Philadelphia, Pa.
St. Leo's High School.....Ashley, Pa.
St. Mary's High School.....Katonah, N. Y.
St. Mary's High School.....Scranton, Pa.
St. Mary's High School.....Elizabeth, N. J.
St. Mary's High School.....Niagara Falls, N. Y.
St. Mary's High School.....Wilkes-Barre, Pa.
St. Nicholas' High School.....Wilkes-Barre, Pa.
St. Patrick's High School.....Scranton, Pa.
St. Patrick's Academy.....Binghamton, N. Y.
St. Patrick's High School.....Olyphant, Pa.
St. Paul's High School.....Scranton, Pa.
St. Peter's High School.....Staten Island, N. Y.
Sts. Philip & James High School.....Phillipsburg, N. J.
St. Raphael's High School.....Pawtucket, R. I.
St. Rose's High School.....Carbondale, Pa.
St. Vincent's High School.....Plymouth, Pa.
Steelton High School.....Steelton, Pa.
Stroudsburg High School.....Stroudsburg, Pa.
Stuyvesant High School.....Stuyvesant, N. Y.
Sugar Notch High School.....Sugar Notch, Pa.
Swoyerville High School.....Swoyerville. Pa.
Taylor High School.....Taylor, Pa.
Technical High School.....Scranton, Pa.

Thompson High School....Thompson, Pa.
Throop High School....Throop, Pa.
Tamaqua High School....Tamaqua, Pa.
Towanda High School....Towanda, Pa.
Union-Endicott High School....Endicott City, N. Y.
Union High School....Union City, N. J.
Upper Moreland High School....Upper Moreland, Pa.
Valley Forge Military Academy....Valley Forge, Pa.
Vandling High School....Vandling, Pa.
Waverly High School....Waverly, Pa.
Waymart High School....Waymart, Pa.
Wellsboro High School....Wellsboro, Pa.
Wells High School....Chicago, Ill.
West Hazleton High School....West Hazleton, Pa.
West Mahanoy Township High School....West Mahanoy Township, Pa.
West Pittston High School....West Pittston, Pa.
West Philadelphia Catholic High School....Philadelphia, Pa.
West Scranton High School....Scranton, Pa.
West Wyoming High School....West Wyoming, Pa.
White Haven High School....White Haven, Pa.
Wilmington High School....Wilmington, Delaware
Wyoming High School....Wyoming, Pa.
Wyoming Seminary....Kingston, Pa.
Xavier High School....Richmond Hills, N. Y.

REGISTRATION

Senior II

Bellaflores, Frank.....Mayaguez, P. R.
Bennett, Paul A.....Scranton
Blochberger, Charles H.....Kingston
Bonk, Edward J.....Scranton
Brozdowski, Frank J.....Blakely
Cerra, Angelo J.....Carbondale
Chmiel, Andrew R.....Moosic
Comitz, Edmund J.....Sugar Notch
Cooper, Herbert S.....Scranton
Cummings, Joseph G.....Dunmore
Davis, William J.....Dunmore
DiLuzio, Nicholas .....Hazleton
Dorner, John M.....Conklin, N. Y.
Dougherty, Donald D.....Dunmore
Ferrario, John J.....Scranton
Gelb, Joseph D.....Glen Lyons
Geroulo, Michael J.....Scranton
Green, George W.....Scranton
Hare, William T.....Olyphant
Hopkins, Carl E.....Blakely
Kane, Joseph A.....Kingston
Kondrat, Charles T.....Olyphant
Lamberti, Knovel F.....Old Forge
Lubin, Joseph D.....Wilkes-Barre
Lynch, Gerard W.....Scranton
MacDonald, Robert.....Scranton
Marrazzo, Eugene .....Dunmore
McCormick, John F.....Blakely
McHale, Thomas J.....Scranton
McLean, Frank A.....Scranton
Murdock, Robert J.....Dunmore
Notartomas, Pasqual M.....Scranton
Pizzimenti, Pasquale L.....Mayfield
Rudin, Norman H.....Scranton
Rzoncki, Henry R.....Avoca
Sabatini, Frank P.....Plains
Saidel, Israel .....Scranton
Senio, Peter .....Jermyn
Shayka, Edward .....Dickson
Vitaletti, Roland .....Dunmore
Wagner, Richard E.....Scranton
Weir, Paul J.....Clarks Green
Weis, William C.....Wilkes-Barre
Woodeshick, Henry .....Wilkes-Barre
Yanushka, John P.....Duryea
Yurkanin, Andrew .....Tresckow
Yurkanin, Joseph .....Scranton

Senior I

Adams, Robert J.....Philadelphia
Adrian, Howard J.....West Pittston
Anderson, Paul .....Scranton
Anderson, Theodore J.....Wyoming
Antinozzi, Frank J.....Hazleton
Avery, Robert.....Carbondale
Baisden, Carl .....Hawley
Baldino, Joseph J.....Carbondale
Baroff, Harry G.....Scranton
Bartek, Joseph P.....Ford City
Bartol, Donald .....Hazleton
Battle, Joseph E.....Scranton
Batyko, Paul G.....Scranton
Beatty, Joseph B.....Philadelphia
Belardi, Albert A.....Scranton
Biedlingmaier, Gerard J.....Scranton
Bojnowski, Edmund .....Scranton
Borowski, Stanley .....Waymart
Borys, Frank J.....Olyphant
Bottei, Louis .....Old Forge
Bowen, John D.....Binghamton, N. Y.
Brady, James T.....Elizabeth, N. J.
Brazitis, Peter P.....Plymouth
Brennan, John T.....Scranton
Browning, Robert .....Fleetville
Brown, William J.....Scranton
Brutico, Carmen .....Old Forge
Buckley, James J.....Scranton
Buckley, Walter E.....Shamokin
Burda, Bernard M.....Swoyerville
Burke, Bernard A.....Wilkes-Barre
Burke, Frank X.....Scranton
Burke, Stanley.....New Philadelphia
Burns, William .....Scranton
Camarca, William .....Scranton
Campagna, Richard S.....Scranton
Capozzelli, John B.....Lattimer Mines
Cardoni, Edwin .....Scranton
Carney, Thomas .....Erie
Carter, Robert .....Havertown
Cascio, Carmel .....Scranton
Casey, Edward J.....Archbald
Castellano, Joseph .....Scranton
Catalano, Michael .....Scranton
Cathrall, John B.....Dalton
Chappen, Pericles T.....Scranton
Charnogursky, Ambrose .....Dunmore
Chase, James H.....Hawley
Check, James M.....Blakely
Cherundolo, Joseph V.....Old Forge
Chwastiak, John H.....Frackville
Cieless, John .....Avoca

Clancy, Eugene F.....Archbald
Comeno, Joseph F.....Carbondale
Conaboy, John R.....Scranton
Connors, George H.....Pittston
Conway, James E.....Dunmore
Cott, Chester R.....Old Forge
Crofton, Francis .....Scranton
Cullen, Thomas F.....Scranton
Cully, Thomas G.....Throop
Cusick, James J.....Dunmore
Cusick, William F.....Scranton
Dardes, Matthew .....Pittston
Davis, John R.....Old Forge
DeBlasi, Dominic .....Hazleton
Deignan, James C.....Scranton
Delaney, John .....West Pittston
DelPriore, Ray .....Pittston
Deltoro, Anthony .....Bronx, N. Y.
Dempsey, William J.....Scranton
DePaulo, Joseph A.....Scranton
DeStefano, Andrew J.....Scranton
DeStefano, Joseph M.....Scranton
Dick, Michael .....Jessup
DiLorenzo, James P.....Pittston
DiRomualdo, Pasco .....Hazleton
Donnelly, Joseph L.....Archbald
Doran, Francis A.....Avoca
Doria, Martin S.....Scranton
Doyle, Edward J.....Carbondale
Dudley, William L.....Wilkes-Barre
Duffy, Walter M.....Old Forge
Dumoff, Harold .....Duryea
Dunleavy, Joseph M.....Avoca
Dziadkowicz, Leonard .....Forest City
Dzik, Joseph .....Scranton
Edelsohn, Alfred .....Scranton
Edwards, Charles .....South Sterling
Esposito, Frank .....Scranton
Evans, Carl .....Trucksville
Evans, George .....Wilkes-Barre
Fath, George A.....Pittston
Fendrick, David .....Scranton
Fenstermacher, William R.....Dunmore
Fetcho, Arthur .....Childs
Finkelstein, Manuel .....Scranton
Finnan, Francis J.....Avoca
Flanagan, Wilbur L.....Scranton
Flom, Walter H.....Brooklyn, N. Y.
Foote, Roland .....Archbald
Fotusky, Martin .....Forest City
Friedman, David.....Dickson City
Friedman, Robert .....Kingston
Fries, Gene T.....Vandling
Fritz, Fred A.....Wilkes-Barre
Gallagher, William E.....Dunmore
Garramone, Pasco .....Hazleton
Gaven, John A.....Scranton
Gennaro, John N.....Hazleton
Gentile, Fred J.....Throop
Georgetti, Alfred F.....Wilkes-Barre
Germain, Peter D.....Ashley
Gilligan, William .....Scranton
Gilroy, John P.....Scranton
Ginsburg, Burton .....Scranton
Giordina, James .....Pittston
Giordano, Vito M.....Scranton
Goeckel, William .....Wilkes-Barre
Golden, Jack J.....Scranton
Graboski, Edward T.....Duryea
Graham, Arthur.....Dickson City
Greenfield, Clarence .....Scranton
Gribb, Anthony E.....Nanticoke
Gribbin, John M.....Scranton
Gutterman, Gerald S.....Wilkes-Barre
Harris, Donald .....Scranton
Hartley, Alan R.....Wilkes-Barre
Hass, Louis .....Scranton
Hayne, Harry .....Hawley
Hayner, Frank S.....Scranton
Hennigan, Thomas .....Pittston
Hickey, Eugene F.....Scranton
Hickey, Thomas C.....Scranton
Hizny, George .....Pittston
Hodowanec, Gregory .....Scranton
Hoeschele, David .....Kingston
Hoffecker, Charles G.....Scranton
Holl, Robert E.....Scranton
Hope, Joseph S.....Scranton
Horan, Harry J.....Scranton
Hurley, Jerome .....Susquehanna
Intoccia, Gaeton .....Scranton
Janowicz, Stanley .....Throop
Jennes, Joseph A.....Dickson City
Jordan, William V.....Scranton
Joyce, Robert J.....Scranton
Judd, Irwin M.....Scranton
Judge, John J.....Scranton
Kabatchnick, Neil .....Scranton
Kaminski, Norbert .....Atlas
Kandel, William .....Scranton
Kaplan, Pete .....Windber
Kasson, Harry .....Susquehanna
Keeley, John J.....Wilkes-Barre
Keib, George .....Avoca
Kelly, Douglas .....Scranton
Kelly, Thomas J.....Scranton
Kennedy, John M.....Simpson
Kilker, James D.....Jessup
Killino, Benjamin F.....Old Forge
Kinney, Philip .....Scranton
Klapps, Pete.....Sugar Notch
Klepac, Ferdinand .....Wilkes-Barre
Kojtek, Alfred .....Duryea
Kopack, Francis .....Scranton

Kosloski, Clement ..... Plymouth
Kotula, Frank ..... Dupont
Kraemer, Harry M. ..... Scranton
Kraynak, Matthew E. ..... Scranton
Kroboth, Lawrence A. ... Binghamton, N. Y.
Kubasko, Paul E. ..... Throop
Kuchar, Daniel ..... Scranton
Kupiec, Gerard ..... Scranton
Lally, William K. ..... Scranton
Lander, Marvin S. ..... Wilkes-Barre
Langan, John F. ..... Scranton
Latonick, Leo W. ..... Pittston
Lavelle, Thomas P. ..... Avoca
Lefkowitz, Gerald ..... Wilkes-Barre
Lehman, Donald ..... Wilkes-Barre
Leighton, Jack C. ..... Wilkes-Barre
Leitinger, Leo M. ..... Jermyn
Lenihan, John J. ..... Scranton
Lenzner, Stanley ..... Scranton
Levey, James H. ..... West Pittston
Licata, Joseph F. ..... Yatesville
Loftus, Edward M. ..... Moosic
Loftus, James J. ..... Scranton
Loll, Thomas G. ..... Elmira, N. Y.
Long, Melvin ..... Sugarloaf
Lonsdorf, James J. ..... Scranton
Loomis, James W. ..... Scranton
Loveland, William R. ..... Scranton
Lucas, Robert ..... Duryea
Luczkovich, John ..... Carbondale
Ludgate, John C. ..... Scranton
Lukowiak, Luke ..... Plains
Lynott, William T. ..... Scranton
Maceyko, Edward ..... Jessup
Magnotta, Frank ..... Scranton
Magnotta, Frederick ..... Scranton
Malina, John J. ..... Taylor
Mancuso, Frank T. ..... Carbondale
Menello, Joseph B. ..... Wilkes-Barre
Mangan, Thomas W. ..... Wilkes-Barre
Marshall, Charles ..... Hawley
Marshall, Robert ..... Scranton
Martino, Anthony J. ..... Carbondale
Marushak, Joseph P. ..... Beaver Meadows
Mastri, Paul ..... Scranton
Matsko, George ..... Plains
Mattes, John V. ..... Scranton
Matylewicz, Robert ..... Scranton
McDonald, James T. ..... Wilkes-Barre
McDonough, John J. ..... Carbondale
McElhenney, Cornelius ..... Hazleton
McGarry, Joseph P. ..... Scranton
McGeehan, Patrick ..... Hazleton
McGraw, Leo J. ..... Scranton
McGuire, John ..... Scranton
McKelvey, Charles J. ..... Hazleton
McLaine, William G. ..... Scranton
McLaughlin, Joseph P. ..... Philadelphia
McLaughlin, Michael A. ..... Scranton
McLaughlin, Robert J. ..... Archbald
McNally, Edward J. ..... Scranton
Meehan, Thomas ..... Towanda
Melenkevitz, Henry ..... Dickson City
Milligan, Robert ..... Carbondale
Moroski, Thomas L. ..... Scranton
Mudrick, Joseph ..... Simpson
Mullaney, John J. ..... Pottsville
Mullen, John D. ..... Archbald
Mullen, Leo P. ..... Scranton
Mundy, Edward A. ..... Kingston
Murphy, James E. ..... White Haven
Murphy, John A. ..... Newton Hills, Mass.
Murphy, John J. ..... Scranton
Murphy, Joseph P. ..... Scranton
Murphy, Robert E. ..... Lansdale
Myers, Henry H. ..... Scranton
Nagle, Elvin ..... Wilkes-Barre
Nagy, John B. ..... Scranton
Nappi, Patrick S. ..... Scranton
Nealon, Donald P. ..... Scranton
Nealon, Leo A. ..... Scranton
Nemetz, Paul J. ..... Scranton
Nolan, Gerald P. ..... Scranton
O'Brien, James W. ..... Scranton
O'Connor, Dennis G. ..... Jessup
O'Connor, Joseph D. ..... Scranton
O'Donnell, Robert J. ..... Scranton
O'Hara, John F. ..... Scranton
O'Horo, James F. ..... Dunmore
Olah, John H. ..... Scranton
O'Neill, Paul D. ..... Dunmore
Orsini, Anthony ..... Scranton
Oshinski, John L. ..... Shamokin
Ozovek, John J. ..... Duryea
Padden, Frank J. ..... Scranton
Panaci, Albert ..... Scranton
Pann, Anthony ..... Old Forge
Papa, Andrew ..... Scranton
Pentecost, James ..... Peckville
Perry, Arthur ..... Dunmore
Petroziello, Guy ..... Pittston
Pittinger, Edward J. ..... Wilkes-Barre
Pletcher, William F. ..... Scranton
Plonsky, Frank J. ..... Scranton
Plotkin, Sam ..... Scranton
Polizzi, Anthony ..... Dunmore
Poller, H. Leonard ..... Scranton
Price, Peter E. ..... Scranton
Prompovitch, Michael ..... Scranton
Pugliese, John M. ..... West Pittston
Pytel, Joseph L. ..... Duryea
Rachman, David ..... Scranton
Reese, Noel ..... Chinchilla
Richardson, James F. ..... Scranton

Ritch, Donald E.....Scranton
Ritterbeck, Robert P.....Scranton
Roche, Francis J.....Scranton
Rossi, Frank A.....Scranton
Roulette, William..Shawnee-on-Delaware
Ruane, Vincent T.....Scranton
Ruzbarsky, Joseph J.....Dunmore
St. Ledger, Robert J.....Carbondale
Saley, Albert .....Scranton
Salsburg, Mark .....Scranton
Sands, Robert G.....Scranton
Saxon, Harry .....Scranton
Schellhammer, John L.....Beaver Brook
Schemel, Robert J.....Archbald
Schmitt, Richard F.....Wilkes-Barre
Schultz, Herbert W.....Scranton
Scoda, Raymond .....Duryea
Scott, James M.....Scranton
Sedlak, Paul .....Archbald
Senyk, Basil .....Scranton
Shedlock, Joseph .....Duryea
Shershenovich, Richard .....Pittston
Shorten, Frederick.....Scranton
Shufler, Simeon L.....Scranton
Shulman, Howard .....Pittston
Silvestri, Bruno .....Peckville
Sirotnak, Eugene J.....Throop
Sirotnak, Francis M.....Throop
Skettino, Anthony J.....Scranton
Smith, Daniel J.....Dunmore
Smith, Henry F.....Elmira, N. Y.
Smith, Otis F.....Moscow
Sochocki, Leonard .....Scranton
Speicher, Forrest .....Plymouth
Speshock, Michael J.....Hamlin
Sporko, Joseph D.....Scranton
Stein, William .....Scranton
Stocknick, Walter .....Old Forge
Surdoval, James F.....Carbondale
Sweeney, Walter J. .....Brackney
Swirbel, John B.....Tresckow
Tabone, Leonard .....Pittston
Taraskiewicz, Stanley.....Norwich, Conn.
Taschman, George .....Scranton
Tates, Robert .....Scranton
Tofany, Benedict .....Scranton
Trelc, Anthony.....Forest City
Twomey, Patrick J.....Scranton
Tyminski, Henry H.....Dickson City
Utan, Edwin .....Scranton
Vallow, Morton .....Philadelphia
Valvano, Guy .....Dunmore
Vaxmonsky, John J.....Pittston
Veranko, Benjamin.....Dickson City
Walker, James W.....Susquehanna
Walk, Kenneth.....West Pittston
Wallace, Joseph E.....Scranton
Walsh, Francis P.....Scranton
Walsh, John E.....Scranton
Walsh, Robert E.....Scranton
Walsh, Thomas J.....Scranton
Ward, Thomas A.....Wilkes-Barre
Waurin, Joseph .....Simpson
Weaver, Joseph A.....Plymouth
Wert, James A.....Clarks Summit
Whalen, John F.....Hallstead
White, Daniel.....New Rochelle, N. Y.
White, Edward F.....Scranton
White, Raymond .....Scranton
Whitford, Walter .....Dalton
Wiercinski, Alex.....Dickson City
Wilce, Robert .....Carbondale
Wildes, Edward .....Wilkes-Barre
Wolak, Andrew .....Dupont
Wolski, Joseph A.....Scranton
Yourishin, George .....Hazleton
Yuhas, Joseph C.....Duryea
Zahorsky, Chester .....Scranton
Zaleski, Edward .....Throop
Zeshonsky, Henry .....Olyphant
Zielinski, Frank .....Dupont
Ziemba, Leonard M.....Carbondale

JUNIOR I

Acquadro, Edward .....Old Forge
Applegate, Alfred.....Hackettstown, N. J.
Arteaga, Julio Carlos de....Santurce, P. R.
Badger, William .....Jermyn
Baldwin, John A.....Scranton
Balish, William .....Scranton
Barrett, James F.....Scranton
Barrowcliff, Robert L.....Scranton
Bedas, John J.....Dickson City
Beechko, Nicholas .....Jessup
Beirne, Daniel .....Towanda
Benvenuto, James R.....Shamokin
Berkowitz, Albert L.....Brooklyn, N. Y.
Berryman, Jack M.....Scranton
Best, William F.....West Pittston
Betterly, Donald A.....Scranton
Bird, Joseph F.....Scranton
Bird, Thomas J.....Scranton
Birkbeck, Joseph W.....Moosic
Bisignani, Alfred .....Peckville
Boland, Charles A.....Washington, D. C.
Bolger, John J.....Kingston
Bollard, Joseph R.....Olyphant
Bonser, William E.....Pittston
Boyer, John W.....Dupont
Bradican, William F.....Scranton

Brennan, Thomas ..... Scranton
Bronzo, John D..... Scranton
Burke, James D..... Dunmore
Burke, Paul T..... Scranton
Butler, John J..... Hazleton
Cambardella, Joseph A..... Old Forge
Campagna, Eugene ..... Scranton
Casey, Gerald..... Carbondale
Casey, Thomas ..... Scranton
Castanzo, George ..... Scranton
Ceres, Emilio ..... Peckville
Cerwonka, Paul L..... Carbondale
Chamorro, Julio..... Managua, Nicaragua
Chmielak, Albert Walter..... Glen Lyon
Clark, William H..... Binghamton, N. Y.
Cleary, John J..... Waymart
Colangelo, Domenick ..... Dunmore
Coleman, Edwin ..... Scranton
Coles, John S..... Scranton
Collins, Joseph F..... Olyphant
Condefer, William T..... Moosic
Connerton, Gerard ..... Scranton
Connolly, John F..... Bronx, N. Y.
Connors, Francis J..... Scranton
Conroy, John L..... Pittston
Cook, John J..... Scranton
Corcoran, Thomas S..... Westboro, Mass.
Costello, Charles..... Binghamton, N. Y.
Coyle, Edward T..... Scranton
Cramer, William A..... Park Ridge, N. J.
Crosby, John J..... Phillipsburg, N. J.
Cullinan, William E..... Scranton
Curtin, Eugene A..... Scranton
Danchak, Raymond ..... Simpson
Dardes, Michael ..... Pittston
Davis, Floyd ..... Peckville
Davis, Ronald G..... Scranton
Deignan, William ..... Scranton
Dende, Raymond ..... Wilkes-Barre
Dinegar, Robert A..... Flushing, N. Y.
Dirlam, Charles F..... Carbondale
Dolphin, Thomas J..... Scranton
Domanish, John G..... Scranton
Donahue, Paul J..... Pittston
Dorak, John J..... East Plymouth
Doran, Bernard ..... Wilkes-Barre
Dougherty, James F..... Scranton
Duane, Thomas A..... Flushing, N. Y.
Duffy, Joseph A..... Dunmore
Dunleavy, Martin J..... Scranton
Dunn, John J..... Scranton
Dutka, Frank ..... Olyphant
Eisele, Richard ..... Scranton
Evans, John ..... Kingston
Farley, Gerald ..... Carbondale
Farrell, John J..... Wilkes-Barre
Fata, Angelo..... Bronx, N. Y.
Fedele, Mario A..... Scranton
Fendrock, Augustine ..... Simpson
Ferguson, John J..... Scranton
Filipek, Edmund ..... Dickson City
Fischer, Francis P..... Endicott, N. Y.
Flynn, Albert ..... Scranton
Fomous, Michael ..... Sayre
Friday, Richard ..... Kingston
Furey, James J..... Scranton
Furey, John W..... Scranton
Gallagher, Eugene J..... Scranton
Gallagher, Robert R..... Scranton
Gartner, James A..... Wilkes-Barre
Genovese, Carl ..... Scranton
Gerhard, Thomas C..... Forest Hills, N. Y.
Gorney, Walter E..... Glen Lyon
Graf, William G..... Hallstead
Gratkowski, Gabriel C..... Scranton
Graziano, Joseph A..... Factoryville
Griffin, John M..... Scranton
Griffith, Richard D..... Scranton
Gryczko, Peter P..... Dupont
Hadley, Gerald T..... Olyphant
Harrington, Joseph F..... Olyphant
Heffernan, Leo ..... Gouldsboro
Heffron, John F..... Scranton
Heilig, James ..... Scranton
Hennigan, Donald J..... Dunmore
Himchak, John ..... Jessup
Hochberg, Robert S..... New York, N. Y.
Hockenberry, James H..... Scranton
Hogan, Robert E..... Scranton
Hosko, Michael ..... Scranton
Howell, James J..... Pittston
Hudacs, Robert B..... Scranton
Hummler, Herbert ..... Scranton
Hutchins, Jack H..... Peckville
Jacobs, Harris ..... Scranton
Jeffrey, John E..... Dunmore
Johnson, Carl ..... Bradford
Joyce, Michael F..... Avoca
Joyce, Patrick J..... Dunmore
Judge, James P..... Scranton
Kacergis, Joseph J..... Shenandoah
Kaloss, William..... Elmhurst, N. Y.
Kane, John P..... Susquehanna
Kane, Richard J..... Scranton
Karanik, George ..... Scranton
Kardelis, Anthony..... Chicago, Ill.
Karmolinski, Eugene..... Dickson City
Kase, Raymond F..... Carbondale
Kearney, Francis ..... Dalton
Kelly, Charles ..... Wilkes-Barre
Kelly, Thomas P..... Scranton
Keselowsky, Joseph ..... Scranton
Kicera, Stanley ..... Mayfield
Kiesel, Stephen E..... Throop

Kilker, James A.....Carbondale
Kilonsky, Anthony F.....Forest City
Kilonsky, Francis A.....Forest City
Kircher, Charles .....Pittston
Kizis, Albert.....Harvey's Lake
Klein, Howard .....Scranton
Kline, Ben .....Dalton
Kmetz, James F.....Nanticoke
Knight, Stephen .....Wilkes-Barre
Kobylski, Edward .....Kingston
Kocsis, George .....Dunmore
Kohut, William R.....Scranton
Kopa, John J.....Mayfield
Koval, Paul J.....Edwardsville
Kravitz, Henry .....Nanticoke
Kreis, Robert .....Scranton
Krochta, John A.....Peckville
Krulock, Joseph .....Keiser
Kurello, Edward .....Wilkes-Barre
Lahoda, Joseph G.....Thompson
Lavelle, Paul M.....Scranton
Lawryk, John .....Wilkes-Barre
Lebida, Joseph T.....Dickson City
Lewis, Benjamin .....Scranton
Lewis, Frank M.....Scranton
Loftus, James J.....West Pittston
Loftus, Joseph J.....Pittston
Lombardo, Charles .....Pittston
Lopatofsky, George .....Uniondale
Loughney, Thomas .....Pittston
Lowry, Martin .....Scranton
Lucas, Andrew .....Duryea
Luchowski, Chester .....Scranton
Luetzel, William .....Forty-Fort
Lynn, John F.....Jermyn
Malone, Alfred .....Scranton
Malski, Walter J.....Dickson City
Mann, John .....Scranton
Maranacci, Elmer .....Exeter
Marchiony, Robert.....Forest City
Marciano, Rudolph .....Scranton
Matak, Sylvester .....Mocanaqua
Matushik, Edward .....Throop
Mauer, Clarence .....Scranton
Maxham, David.....High Bridge, N. J.
McAvoy, Joseph H.....Kingston
McCarthy, John.....Bayonne, N. J.
McCormack, Leo .....Scranton
McCormick, Austin P.....Scranton
McCormick, James P....Johnson City, N. Y.
McDade, John P.....Scranton
McDowell, J. Kenneth .....Scranton
McDowell, Robert P.....Mt. Carmel
McGill, Francis E.....Philadelphia
McGowan, Joseph T.....Scranton
McGrath, Philip .....Scranton
McGraw, Joseph T.....Carbondale
McGraw, Robert E.....Dunmore
McGraw, Thomas P.....Wilkes-Barre
McHale, James G.....Dunmore
McHale, James J.....Strong
McKeever, John J.....Scranton
McNally, Michael J.....Scranton
McNamara, Michael .....Scranton
McNelis, John J.....Kingston
Medvecky, Peter.....Elmhurst, N. Y.
Megargee, Sylvester .....Waverly
Melker, Jack.....Brooklyn, N. Y.
Melley, Thomas .....Beaver Meadows
Menichello, Albert M.....Old Forge
Merrick, Robert .....Scranton
Merrigan, William .....Wilkes-Barre
Mika, Gaza.....Old Forge
Mileti, Edward N.....Bronx, N. Y.
Miller, Joseph .....Wilkes-Barre
Miller, Thomas .....Scranton
Mondati, Peter .....Peckville
Montoro, John .....Scranton
Moran, Thomas .....Scranton
Morano, Edward .....Scranton
Moser, Gene.....White Mills
Moskovitz, Sheldon.....Dickson City
Muchnicki, Charles.....Scranton
Mulderig, Joseph W.....Scranton
Munley, Robert A.....Scranton
Murray, Robert J.....Elmira, N. Y.
Myslinski, Stanley F.....Pottsville
Nagurney, Myron .....Jessup
Neary, Edward .....Mayfield
Nerone, Victor .....Ridgefield, N. J.
Newman, William J.....Olyphant
Niconovich, Eugene .....Scranton
North, Arthur L.....Richmond Hill, N. Y.
Novitt, Chester .....Exeter
O'Brien, David P.....Hazleton
O'Connor, John M.....Blakely
O'Donnell, Eugene F.....Scranton
O'Hara, James P.....Scranton
O'Hara, John J.....Scranton
O'Neill, Joseph P.....Dunmore
Onifer, Michael J.....Hazleton
Oshetsky, Anthony J.....Throop
Panaro, Rudolph J.....Scranton
Paulishak, William .....Scranton
Peters, Stanley J.....Wilkes-Barre
Pinamonti, Richard .....Shamokin
Pin, Clerio P.....Dunmore
Piszek, Joseph .....Scranton
Ploskonka, Louis .....Peckville
Pohutsky, Gene.....Old Forge
Polcha, Joseph J.....Dunmore
Polites, Peter J.....Scranton
Portera, Vincent.....Miami, Florida
Powell, James .....Taylor

Prawdzik, Charles ..... Simpson
Prime, Edward S..... Bethlehem
Prociak, Joseph ..... Plains
Pryor, John P..... Wilkes-Barre
Prystash, Walter ..... Olyphant
Psarsky, Joseph ..... Palmerton
Purcell, William J..... Carbondale
Regan, Robert J..... Scranton
Renda, Carl A..... Scranton
Rizzo, Nicholas ..... Pittston
Roberts, William ..... Scranton
Robinson, Gerald J..... Carbondale
Roe, Eugene J..... Olyphant
Romanowski, Edmund S..... Ashley
Rosati, Norman J..... Newark
Ruddy, John A..... Scranton
Ruddy, Patrick J..... Binghamton, N. Y.
Rusnok, William ..... Scranton
Russick, Edward S..... Duryea
Ryan, Francis E..... Scranton
Sabetta, Patrick J..... Old Forge
Sabia, Vito R..... Dunmore
Sadowski, Joseph S..... Throop
Sanders, William K..... Scranton
Santaniello, Sylvester ..... Scranton
Sare, Lewis ..... Scranton
Savage, Paul J..... Maplewood
Scanlon, John J..... Scranton
Schulte, John R..... Scranton
Scott, Edward R..... Dunmore
Serenska, Edward S..... Fords, N. J.
Shea, John F..... Scranton
Sheridan, James ..... Kingston
Shibley, George J..... Scranton
Shivy, Thomas F..... Kingston
Signorino, John G..... Lock Haven
Simon, William M..... Scranton
Slota, Gerald ..... Scranton
Sluga, Anthony ..... Steelton
Smith, Alan J..... Harrisburg
Snyder, Victor V..... Luzerne
Sofchak, Peter ..... Dunmore
Sofranko, Paul F..... Olyphant
Soltis, Joseph S..... Wilkes-Barre
Speer, Claud ..... Scranton
Stankiewicz, Clarence..... Dickson City
Stegner, Robert J..... Honesdale
Stim, Thomas B..... Jessup
Stolbach, Sydney ..... Scranton
Stroffolino, Walter L..... Brooklyn, N. Y.
Sugalski, Thomas J..... Glen Lyon
Surgent, Daniel ..... Eckley
Syrylo, Stephen ..... Scranton
Talerico, Eugene M..... Old Forge
Tallo, Sam ..... Scranton
Tarantini, Leonard ..... Scranton
Tarsonski, Leonard ..... Shamokin
Taylor, John J..... Scranton
Taylor, J. P..... Elmhurst
Telasha, Donald..... Dickson City
Trelc, Robert P..... Forest City
Truskolaski, Frank J..... Olyphant
Tyson, Thomas ..... Olyphant
Unis, Walter S..... Simpson
Urka, Francis..... West Pittston
Vargas, William..... Santurce, P. R.
Venaracci, Ray T..... Pittston
Verchinski, Adam L..... Jermyn
Viola, John J..... Dunmore
Vita, William D..... Bellerose, N. Y.
Walsh, James T..... Scranton
Wayno, Joseph J..... Taylor
Weibel, Robert E..... Taylor
Wesenyak, Herman ..... Duryea
Wilkus, Joseph J..... Peely
Wirth, Edward ..... Scranton
Witek, Peter P..... Wilkes-Barre
Woodbridge, John F..... Scranton
Woodworth, Norman E..... Peckville
Woychik, John H..... Minooka
Yurkanin, Joseph ..... Ashley
Zandarski, Joseph R..... Dickson City
Zarichak, August J..... Carbondale
Zvikas, Walter ..... Lake Ariel

Sophomore I

Ambrose, Joseph A..... Tamaqua
Andrukiewicz, Frank ..... Hudson
Appert, Hubert ..... Hawley
Artim, Eugene ..... Binghamton, N. Y.
Artim, Stephen ..... Binghamton, N. Y.
Austin, Joseph ..... Jermyn
Baller, Peter ..... Plains
Balzano, James Joseph..... Old Forge
Barrett, Edward J..... Peckville
Bartkowski, Gerard..... Dickson City
Bartley, William..... Scranton
Battle, Robert ..... Scranton
Berendt, Raymond ..... Simpson
Betti, Norbert ..... Jessup
Blandina, John ..... Pittston
Bogda, Edward ..... Dunmore
Boland, William J..... Scranton
Bolcavage, Wallace A..... Archbald
Bolinski, Robert J..... Mocanaqua
Breig, Robert ..... Olyphant
Brislin, Edward J..... Wilkes-Barre
Brown, R. Warren..... Scranton
Buniak, William ..... Peckville
Burak, Paul ..... Keiser

Butler, William F.....Scranton
Callahan, John E.....Olyphant
Carbona, Eugene.....Long Beach, N. Y.
Carpenter, John A.....Exeter
Casazza, John J.....New York, N. Y.
Casey, Edmund W.....Scranton
Cesare, Carl .....Old Forge
Cianfichi, Albert .....Scranton
Cleary, Joseph J.....Olyphant
Collins, Frank M.....Scranton
Collins, Hugh G.....Scranton
Collins, J. Charles.....Carbondale
Connolly, Edward .....Jessup
Cook, Edward H.....Shenandoah
Coolican, Paul J.....Scranton
Corcoran, Paul M.....Archbald
Coyle, William A.....Hazleton
Coyne, Joseph R.....Scranton
Cruciani, Dominick .....Olyphant
Culkin, John J.....Warren, Ohio
Cummings, John P.....Scranton
Cummings, Thomas P.....Dunmore
Curran, James E.....Mauch Chunk
Cusick, William J.....Plainfield, N. J.
Dalton, Donald .....Chinchilla
Danko, Richard G.....Hazleton
Dante, Samuel .....Scranton
Datti, Paul C.....Scranton
Davies, Ellis J.....Honesdale
Davis, Joseph L.....Scranton
Davitt, Hugh .....Scranton
Decker, Eugene .....Wilkes-Barre
Delaney, Richard.....West Pittston
DeMatteo, Nicholas .....Olyphant
Dempsey, Thomas M.....Mayfield
Dennison, William G.....West Pittston
Diakun, Robert .....Scranton
Dietrich, Herbert.....Clarks Green
DiMauro, Michael .....Berwick
Dinsmore, James F.....Scranton
Dolinger, Sheldon .....Scranton
Donachie, Robert .....Scranton
Downey, John .....Nutley, N. J.
Druckenbrod, John J.....Scranton
Duke, Paul E.....Pittston
Dunstone, William H.....Scranton
Early, William J.....Scranton
Elnitsky, John .....Olyphant
Fahey, John L.....Olyphant
Fanucci, Orlando .....Scranton
Farfour, Zeke .....Goldsboro, N. C.
Farrell, Robert J.....Carbondale
Farrell, Thomas P.....Scranton
Feistl, Edward L.....Plymouth
Fennell, Matthias F.....Elmira, N. Y.
Filarsky, Stephen .....Throop
Fitzpatrick, Thomas F.....Scranton
Flannelly, John C.....Dunmore
Flynn, Robert J.....Scranton
Foster, Joseph N.....Jamaica, N. Y.
Friedman, Ben .....Throop
Gabriel, James .....Blakely
Gallagher, Paul J.....Scranton
Gardier, Chris .....Scranton
Garey, Herman .....Scranton
Gentzel, Robert.....Clarks Summit
George, Walter .....Scranton
Gillespie, John P.....Scranton
Gillis, William.....Forest City
Golden, Joseph A.....Scranton
Grasso, Jack J.....Scranton
Greco, Charles.....Kingston, N. Y.
Green, Daniel.....Dickson City
Grow, David .....Pittston
Guse, Harold H.....Clarks Green
Hall, Robert.....Dickson City
Halton, William L.....Lattimer Mines
Harding, David .....Dunmore
Harowitz, Payton .....Scranton
Hart, Thomas G.....Scranton
Hart, Thomas M.....Scranton
Henahan, John F.....Wilkes-Barre
Hennessey, Mark .....Scranton
Hennigan, Stephen J.....Scranton
Hepplewhite, Herbert .....Scranton
Higgins, John F.....Scranton
Hiznay, Paul .....Wyoming
Holevinski, Steven .....Moscow
Holleran, James .....Carbondale
Howard, Eugene.....Manhasset, N. Y.
Howley, James .....Scranton
Hricko, Robert .....Olyphant
Intoccia, Alfred .....Scranton
Jackson, Gerald T.....Scranton
Jacques, John R.....Forest City
Jankowski, Joseph.....Dickson City
Jarusik, Louis.....Lake Ariel
Jennes, Frank C.....Scranton
Jones, Thomas.....Clarks Summit
Jones, Warren .....Dunmore
Kaloss, Constantine .....Scranton
Kearns, Frank .....Moscow
Kearns, William P.....Moscow
Keeler, Thomas .....Scranton
Keenan, Robert J.....Scranton
Keklak, Alfred .....Simpson
Kelleher, John T.....Scranton
Kelleher, Martin M.....Vandling
Kempinski, Arthur .....Nanticoke
Kenney, Walter .....Scranton
King, William M.....Scranton
Kohut, Stephen .....Carbondale
Korpita, George .....Taylor
Koslosky, Edward .....West Wyoming

Koval, Louis ..... Luzerne
Kowalski, Joseph ..... Kingston
Kozakevich, Paul ..... Throop
Kozischek, James ..... Scranton
Kozlowski, Raymond ..... Kingsley
Krakovesky, Thomas ..... Olyphant
Kudrec, Donald ..... Jessup
Kunda, Clement ..... Olyphant
Lamoreaux, Harry ..... Carbondale
Langan, James P. ..... Avoca
Langan, Wiliam G. ..... Scranton
Lantelme, Rudolph ..... Long Beach, N. Y.
Lawrence, Joseph W. ..... Scranton
Leone, Sam ..... Pittston
Lewenson, Fred ..... Scranton
Liptak, Edward ..... Mayfield
Lisowski, Aleck ..... Simpson
Little, William J. ..... Carbondale
Loftus, Harold ..... Carbondale
Loftus, John T. ..... Scranton
Lonsdorf, Paul W. ..... Scranton
Lopatofsky, Joseph G. ..... Uniondale
Loungo, Vito ..... Dunmore
Loyd, Edward ..... Scranton
Lune, Marvin ..... Scranton
Lusardi, Herman ..... Hollidaysburg
Lydon, William P. ..... Scranton
Mahon, Robert M. ..... Scranton
Makowski, Raymond ..... Keiser
Malinowski, Hilary ..... Eynon
Manning, William ..... Clarks Summit
Margotta, Joseph ..... Dunmore
Marshalek, Bernard ..... Keiser
Martin, James A. ..... Scranton
Mastrocola, Joseph ..... Scranton
Matushonek, Thomas ..... West Hazleton
McCabe, Thomas ..... Scranton
McCann, William ..... Carbondale
McCarthy, Daniel ..... Scranton
McCarty, John J. ..... Carbondale
McCawley, Thomas A. ..... Scranton
McDade, Joseph J. ..... Taylor
McDonnell, James P. ..... Scranton
McGee, Francis ..... Wyoming
McGlynn, John T. ..... Pittston
McGowan, Paul H. ..... Throop
McGrath, Henry ..... Scranton
McGurrin, Joseph ..... Scranton
McHugh, John G. ..... Scranton
Miluszusky, Raymond ..... Pleasant Mount
Mohr, Michael ..... Kingston
Molenda, John R. ..... Scranton
Mollick, James A. ..... Hazleton
Mollusky, Robert ..... Luzerne
Mongan, Michael ..... Scranton
Mooney, John T. ..... Olyphant
Moran, John H. ..... Scranton
Moraski, Edward F. ..... Scranton
Morgan, John F. ..... Dunmore
Mory, Warren ..... Scranton
Motsay, Robert ..... Carbondale
Mullen, Francis E. ..... Scranton
Munley, Robert W. ..... Archbald
Murphy, Donald M. ..... Lansdale
Murphy, Thomas ..... Scranton
Musto, William ..... West Pittston
Nealon, John G. ..... Moosic
Nealon, Robert B. ..... Dunmore
Neary, James R. ..... Dunmore
Nicholas, Peter ..... Scranton
Nolan, Aloysius G. ..... Carbondale
Norkus, Joseph T. ..... Pittston
Noto, Thomas J. ..... Scranton
Novak, Joseph ..... Ashley
Nowak, Leo A. ..... Freeland
O'Boyle, Eugene H. ..... Scranton
O'Brien, Michael ..... Scranton
O'Connell, Barry ..... Scranton
O'Horo, John T. ..... Scranton
O'Neill, Charles ..... Staten Island, N. Y.
Orr, William ..... Pittston
Pacuska, John T. ..... Pittston
Panunzi, Ralph ..... Eynon
Parchinski, Joseph ..... Dickson City
Pascoe, Louis B. ..... Carbondale
Paterson, William G. ..... Scranton
Patrick, Robert E. ..... Scranton
Patterson, Leonard ..... Scranton
Pellegrini, Joseph ..... Scranton
Pepe, John ..... West Pittston
Perinsky, Joseph ..... Scranton
Petitto, William ..... Dunmore
Pettinato, Anthony C. ..... Carbondale
Picirille, Raymond ..... Scranton
Pierce, Lawrence ..... Scranton
Pisanchyn, John ..... Olyphant
Pisano, Samuel ..... Pittston
Posten, Paul V. ..... Scranton
Preitz, Robert H. ..... Scranton
Prokipchak, William ..... Olyphant
Pronko, Myron ..... Dickson City
Prusinski, Paul ..... Dunmore
Queeney, Paul J. ..... Pittston
Quinn, Joseph E. ..... Scranton
Rable, Cyril J. ..... Dunmore
Rafalko, Sylvester ..... Scranton
Rafferty, Michael ..... Scranton
Rauschmayer, Joseph T. ..... Falls
Rava, Alfred ..... Duryea
Reddington, Joseph T. ..... Scranton
Reich, Angelo ..... Olyphant
Remus, Casimer ..... Pittston
Ricci, Joseph A. ..... Dickson City
Rickert, Paul ..... Honesdale

Ries, S. William.....Scranton
Rittenhouse, Thomas J.....Merion
Rocchino, Frank .....Ambler
Roche, William D.....Scranton
Romanko, Joseph .....Dupont
Romanowski, John .....Lake Ariel
Rosati, Vincent J.....Newark, N. J.
Rosipko, Michael .....Scranton
Ruane, Francis .....Scranton
Rubel, Aaron .....Scranton
Ruddy, Joseph J.....Taylor
Ruggiero, Anthony .....Pittston
Rysz, Theodore .....Taylor
Sabaitis, Thomas .....Archbald
Sabatelle, Anthony J.....Dunmore
Saccone, Joseph A.....Scranton
Sallusti, Henry .....Scranton
Santoski, Joseph M.....Scranton
Sartor, Angelo .....Dunmore
Savas, Michael .....Scranton
Scaccia, Albert C.....Scranton
Scaran, Anthony .....Dunmore
Schemel, George .....Archbald
Schimelfenig, Eugene .....Scranton
Schneider, Irwin .....Scranton
Schoonover, Harry .....Avoca
Sefchik, Robert .....Dupont
Sesso, Thomas .....Scranton
Seyna, Eugene .....Dunmore
Shalett, Stanley.....Mt. Vernon, N. Y.
Shea, Daniel .....Dunmore
Sheppard, Arthur.....Bridgeton, N. J.
Shewack, George .....Scranton
Shufesky, Eugene .....Jessup
Siebecker, Robert .....Scranton
Siedlecki, John J.....Mt. Carmel
Skiba, Walter F.....Scranton
Skordinski, Donald.....Glen Lyon
Slachtish, Theodore .....Olyphant
Slivinski, Carl A.....Throop
Slowey, Robert .....Scranton
Smith, Albert H.....Mauch Chunk
Smith, Albert J.....Scranton
Snyder, Gehrd .....Scranton
Solorzano, Pedro.....Managua, Nicaragua
Soma, Edward .....Scranton
Soranno, Donato .....Dunmore
Sowinski, Frank.....Dickson City
Speicher, Charles .....Scranton
Spillane, Thomas .....Archbald
Stampien, Ted.....Old Forge
Stasium, Alfred .....Eynon
Steele, Thomas .....Scranton
Swift, Edward .....Scranton
Taddeo, Leo .....Williamsport
Taylor, Wade .....Carbondale
Teot, Roger .....Scranton
Thomas, Michael .....Wyoming
Thomey, William.....Long Branch, N. J.
Tighe, Thomas .....Olyphant
Tirellis, Gus .....Scranton
Todd, Charles .....Scranton
Tompkins, Erwin .....Scranton
Tracy, Francis.....Sugar Notch
Tracy, Robert L.....Old Forge
Trakimas, Raymond .....Duryea
Trovato, Carmen .....Scranton
Trovato, Onofrio .....Scranton
Tulley, Charles .....Reading
Udinskey, Joseph .....Pittston
Uzdilla, Edward .....Wilkes-Barre
Valenti, Samuel .....Pittston
Vishneski, John S.....Taylor
Vita, Robert.....Jersey City, N. J.
Walsh, Aloysius P.....Scranton
Walsh, Edward .....Scranton
Walsh, Gerard .....Carbondale
Walsh, John A.....Scranton
Weisberger, Harold .....Scranton
Weltman, Harold .....Kingston
Wenzel, Donald A.....Clarks Green
Williams, Clyde W.....Jamaica, N. Y.
Wolf, Herbert T.....Hollidaysburg
Wolsky, Bernard .....Shenandoah
Wrabel, Stephen .....Throop
Wysocki, Walter .....Peckville
Yakowenko, Nicholas .....Simpson
Yankelunas, Leonard .....Scranton
Yanul, Albert .....Scranton
Yatko, Norman .....Nanticoke
Yorke, John P.....Forest City
Zampino, Samuel .....Berwick
Zebrowski, Stanley.....Dickson City
Zeranski, Bolis F.....Forest City
Zimmerman, George.....Clarks Summit
Zinsky, Nicholas .....Olyphant

FRESHMAN I

Adam, Joseph .....Shillington
Aiken, William .....Kingston
Annick, Edward .....Scranton
Antonacci, Gene .....Scranton
Anzalone, Salvatore .....Pittston
Archbald, Hugh .....Scranton
Arthur, Robert J.....Scranton
Augustine, Edward .....Nanticoke
Babich, Theodore .....Scranton
Barnwell, David.....New York City
Barrett, Joseph A.....Peckville
Bartocci, Pasquale .....Scranton

Battisto, Joseph W.....Mt. Pocono
Belletiere, Eugene .....Scranton
Bennett, Walter .....Scranton
Beres, John F.....Scranton
Besen, Arthur A. .....Scranton
Bird, Robert J. .....Pittston
Birtel, Carl R.....Scranton
Bobonis, Leonard .....Scranton
Boland, John M.....Scranton
Borgna, Harold .....Jessup
Braunstein, Sheldon .....Scranton
Brown, Robert G.....Scranton
Brown, Rodney D.....Carbondale
Brunza, Bernard.....Forty Fort
Burger, David.....Nutley, N. J.
Burke, Joseph .....Scranton
Burns, William S.....Scranton
Butera, Joseph.....West Pittston
Byron, James J.....Avoca
Camins, Bernard W.....Scranton
Campagna, Samuel .....Scranton
Cannon, Joseph .....Dunmore
Carey, Gilbert .....Duryea
Carr, Joseph .....Scranton
Carr, Robert J.....Scranton
Casagrande, Emilio.....Pittston
Casamassa, Anthony J.....Pittston
Casey, Aloysius G.....Carbondale
Castelli, Alphonse V.....New York
Chapman, Charles E.....Wilkes-Barre
Chasin, Arthur H.....Kingston
Cherewka, Michael .....Taylor
Chivers, Paul G.....Pittston
Choma, David .....Olyphant
Chrzan, Joseph A.....Nanticoke
Ciccone, Carmine A.....Carbondale
Cipriani, Victor M.....Peckville
Cogliser, Robert D.....Scranton
Collins, James C.....Binghamton, N. Y.
Coll, Miguel G.....Ponce, P. R.
Conmy, John L.....Scranton
Connolly, Edward J.....Scranton
Connor, Thomas J.....Scranton
Cravath, Bernard .....Scranton
Cullen, John L.....New Albany
Curran, Robert K.....Carbondale
Curtin, Joseph F.....Scranton
Danylchuck, Walter .....Frackville
Dearden, Thomas .....Wilkes-Barre
Decker, Lafayette .....Moosic
Dee, Thomas J.....Jessup
DeLahunty, Eugene.....West Pittston
DelPriore, Ralph C.....Pittston
DeSanto, Paul J.....Mt. Pocono
DiMauro, Dino .....Scranton
Diskin, Michael K.....Scranton
Donnelly, Edward F.....Wilkes-Barre
Dorris, John R.....Nanticoke
Dunnigan, Robert .....Scranton
Durkin, Patrick G.....Scranton
Dzury, Lee V.....Wilkes-Barre
Edelen, Richard.....East Orange, N. J.
Elko, Edward .....Dupont
Erdman, Alfred .....Dunmore
Fanning, Martin .....Dunmore
Fasciana, Louis L.....Pittston
Feduchak, John .....Olyphant
Feibus, Lionel S.....Scranton
Ferraro, Samuel .....Swoyerville
Finan, John F.....Hawley
Fitzgerald, John R.....Clarks Summit
Flannelly, William G.....Olyphant
Fleming, Richard.....East Stroudsburg
Friedman, Jerome .....Scranton
Gaardsmoe, John N.....Waymart
Gaffney, Peter E.....Carbondale
Galasso, Gene E.....Pittston
Gallagher, Michael J.....Olyphant
Galli, Ronald D.....Dunmore
Gaynord, Thomas F.....Scranton
Gibbons, Donald J.....Factoryville
Gilbride, Robert J.....Scranton
Gillis, John S.....Pittston
Glynn, John P.....Clarks Summit
Golden, Benjamin .....Scranton
Gray, Alfred.....Bronx, N. Y.
Gregory, Randolph .....Milford
Griffiths, Daniel R.....Scranton
Grogan, Charles .....Archbald
Gross, Howard E.....Scranton
Guerrieri, Louis R.....Old Forge
Guitson, Joseph L.....Duryea
Haggerty, Joseph J.....Kingston
Halenda, J. Ronald.....Dickson City
Hanlon, Thomas J.....Scranton
Heck, Fred.....Hanover Green
Heider, Bernard .....Scranton
Herceg, Stephen J.....Luzerne
Herr, Joseph T.....Hazleton
Hogan, Gerald P.....Centralia
Hoover, John J.....Scranton
Hope, Norman W.....Old Forge
Huggler, Joseph.....Old Forge
Hughes, William J.....Scranton
Johnson, Robert P.....Moosic
Jones, Donald .....Pittston
Jones, Robert L.....Wilkes-Barre
Judge, Martin P.....Scranton
Kalafut, Jerome S.....Duryea
Kaminski, Stephen S.....Throop
Kania, Arthur J.....Scranton
Kapp, Raymond D.....Scranton
Keating, John F.....Scranton
Kelly, Paul A.....Scranton

Kopcho, Michael ..... Wilkes-Barre
Kosakowski, Edward S..... Bayonne, N. J.
Kotalik, Vincent ..... Ashley
Kramer, James S..... Mt. Carmel
Krowiak, John A..... Throop
Kucaba, Casimir B..... Wyoming
Kuntz, Michael..... Beaver Meadows
Kurilla, John ..... Simpson
Lahey, Patrick ..... Scranton
Langan, Francis J..... Scranton
Langan, John F..... Moscow
Lashendock, Ernest F..... Keiser
Lazar, Allan W..... Kingston
Lazzari, Eugene P..... Archbald
Lebovits, Herbert ..... Scranton
Lefkowski, Alfred J..... Dickson City
Legenza, Joseph E..... Throop
Leschinsky, Charles..... Old Forge
Levey, Merle..... West Pittston
Loch, George ..... Olyphant
Lowry, David J..... Scranton
Lucas, Arthur G..... Moosic
Lumley, Ernest B..... Wilkes-Barre
Lynch, Walter J..... West Pittston
Mackerell, William P..... Olyphant
MacPherson, James B..... Scranton
Magac, John S..... Jessup
Maguire, Robert ..... Dunmore
Manley, Patrick J..... Scranton
Marianelli, Albert..... Old Forge
McAdams, John J..... Scranton
McAuvic, John J..... Irvington, N. J.
McCarty, William F..... Carbondale
McDade, August P..... Taylor
McDermott, Paul J..... Scranton
McDonald, Edward W..... Clarks Summit
McGurrin, John D..... Scranton
McHale, Robert P..... Scranton
Mecca, Leonard ..... Dunmore
Mekilo, Joseph ..... Taylor
Mitchell, James E..... Scranton
Moffitt, Coleman ..... Scranton
Molenda, Joseph J..... Scranton
Mollick, John A..... Hazleton
Monahan, William A..... Carbondale
Moretti, Elliot..... Old Forge
Morrow, Stanley ..... Scranton
Moylan, Maurice ..... Carbondale
Murray, Gilbert..... Clarks Summit
Mynyk, Joseph ..... Scranton
Nallin, Eugene ..... Scranton
Nellis, William..... Latonah, N. Y.
Niemeyer, Edward..... Johnson City, N. Y.
Ochreiter, Jerome J..... Exeter
O'Connor, Francis J..... Scranton
Olexovitch, Steve ..... Taylor
O'Malley, Thomas J..... Pittston
Orbon, Jacob ..... Nanticoke
O'Reilly, Francis P..... Brooklyn, N. Y.
Ostrowski, Edwin ..... Scranton
Ostrowski, Joseph B..... Duryea
O'Toole, John J..... Scranton
Palumbo, Victor J..... Dunmore
Pantle, Philip J..... Scranton
Parana, Eugene ..... Olyphant
Parrell, Alfred ..... Hazleton
Passo, Joseph A..... Scranton
Patrick, Raymond W..... Wilkes-Barre
Pearson, Leonard L..... Newark, N. J.
Pelicci, Alfred J..... Scranton
Perechinsky, John ..... Winton
Perini, Albert P..... Hazleton
Phillips, Bert ..... Taylor
Piernot, Earl ..... Duryea
Piorkowski, Frank E..... Forest City
Polidori, Alfred J..... Archbald
Purper, Robert L..... Scranton
Quigg, John T..... Clarks Summit
Racht, Edwin J..... Carbondale
Ravnikar, John..... Forest City
Reap, Coleman ..... Scranton
Reich, William..... Dickson City
Repsha, Frank J..... Scranton
Rink, George J..... Scranton
Roach, Peter P..... Scranton
Roche, Gerard R..... Scranton
Rossi, Michael A..... Scranton
Ruda, Joseph C..... Duryea
Ruddy, Edward J..... Scranton
Russin, Stanley J..... Pittston
Rutledge, Thomas P..... Scranton
Ryan, Patrick T..... Scranton
Sariti, Vincent M..... Scranton
Sauchelli, Frank..... Newark, N. J.
Savercool, David F..... Scranton
Savercool, Donald L..... Scranton
Schmidt, Ronald..... Endicott, N. Y.
Schneck, Frank ..... Exeter
Schonfeld, Leo ..... Scranton
Serafini, John A..... Carbondale
Setzer, Jerome..... West Pittston
Shallow, James T..... Scranton
Shanfield, Yale ..... Mahanoy City
Shannon, Robert F..... Carbondale
Shorten, William ..... Scranton
Sikaitis, Peter ..... Scranton
Sileo, Leonard ..... Scranton
Silvestri, Leonard ..... Peckville
Sincavage, Thomas ..... Plains
Sivelly, Richard ..... Scranton
Skovira, Bernard ..... Jessup
Skovira, Edward M..... Jessup
Smith, Edward E..... Scranton
Solazzo, Michael P..... Scranton

Soricelli, David A.....West Pittston
Soricelli, Silvio F.....West Pittston
Sowinski, Ronald J.....Dickson City
Stanley, Vincent J.....Hazleton
Strzesnewski, Edward J.....Dickson City
Stull, V. Robert.....Scranton
Swegel, Thomas Phillip.....Forest City
Swenski, John Frank.....Dickson City
Taft, Robert J.....Wilkes-Barre
Talarico, Ronald R.....Scranton
Tellep, David .....Olyphant
Thornton, James P.....Olyphant
Tugend, William J.....Scranton
Tully, Joseph A.....Olyphant
Valushin, George .....Ashley
Vanderburg, Robert C.....West Pittston
Walls, Richard J.....Allentown
Walsh, Frank E.....Scranton
Walsh, Robert P.....Scranton
Washburn, George J.....Peckville
Watson, William T.....Pittston
Webb, Joseph X.....Scranton
White, James R.....Pittston
Williams, Donald H.....Scranton
Williams, Donald J.....Dunmore
Williams, Thomas J.....Scranton
Wilson, James R.....Chambersburg
Yazurlo, Edward.....Old Forge
Yurkowski, Stanley.....Mayfield
Zigmont, Robert J.....Scranton
Zikoski, Paul .....Scranton

Specials

Benson, Harold J.....Factoryville
Brecht, Clifton W.....Scranton
Burns, Joseph E.....Scranton
Cuff, Patrick J.....Dunmore
Eisenstein, Arthur .....Scranton
Kern, Carl J.....Dallas
Lipowitch, John S.....Scranton
Mantione, Ross.....West Pittston
Mundy, John H.....Kingston
Thomas, Alton .....Dunmore
Tonner, Thomas .....Scranton
Wallace, Robert E.....Scranton

Evening School—Fall Semester—1949

Abda, Albert M.....Scranton
Acculto, C. Joseph.....Dunmore
Acker, Harry .....Scranton
Acquisto, Anthony J.....Carbondale
Adonizio, Edith A.....Pittston
Akourey, Elizabeth M.....Scranton
Alexander, Kenneth .....Scranton
Alfano, Charles S.....Wyoming
Alles, Rollen J.....Scranton
Allgood, Warren G.....Clarks Summit
Amato, Francis P.....Olyphant
Ameen, Edith R.....Dupont
Andriola, Philomena C.....Old Forge
Anthony, Howard E.....Dunmore
Antonelli, John .....Hazleton
Arcangeletti, Edward A.....Scranton
Archbald, Hugh .....Scranton
Arena, Victor P.....Scranton
Arnese, Joseph C.....Carbondale
Aronica, Rosar M.....Dunmore
Arrowsmith, Richard.....Forest City
Artigiani, Armando J.....Jessup
Atkinson, John L.....Scranton
Augustine, Harold C.....Scranton
Augustine, John .....Scranton
Austin, Ann Lois M.....Scranton
Aveline, Joseph P.....Scranton
Bahr, William C.....Dunmore
Balassa, Julius J.....Throop
Baker, Edgar G.....Carbondale
Baker, John S.....Scranton
Balducci, Italo M.....Scranton
Baldwin, William S.....Waverly
Banick, Carl J.....Dunmore
Banos, Dorothy A.....Pittston
Barkin, Eugene N.....Dunmore
Barkin, Mildred J.....Scranton
Barone, Joseph A.....Scranton
Barrett, Alice T.....Scranton
Barrett, Dorothy M.....Scranton
Barrett, John P.....Scranton
Barrett, Joseph E.....Scranton
Barrett, Joseph P.....Scranton
Barrett, Michael J.....Scranton
Barrett, Robert T.....Scranton
Bartkowski, Walter A.....Olyphant
Bartol, Donald .....Hazleton
Barton, Bernard S.....Scranton
Bartron, Mary T.....Scranton
Basalyga, John .....Dunmore
Bassett, William J.....Moscow
Battle, Jane A.....Scranton
Battle, Thomas J.....Wyoming
Batzel, Edward M.....Scranton
Bau, Louis E.....Taylor
Becker, Carl A.....Scranton
Becker, Robert P.....Carbondale
Beckley, Thomas S.....Hazleton

Benarick, Eugene J.....Forest City
Bendorovich, Bridget A.....Peckville
Benintende, Edward H.....Scranton
Benson, Harold J.....Factoryville
Benvenuto, James R.....Shamokin
Beppler, Harold L.....Scranton
Berg, Louis C.....Scranton
Bergida, Marvin M.....Scranton
Bernacik, Eleanor A.....Scranton
Berry, James F.....Scranton
Besecker, Delbert R.....Scranton
Besecker, Earl W.....Elmhurst
Bianca, Joseph F.....Scranton
Bianco, Aniello T.....Bronx, N. Y.
Biden, Frank H.....Scranton
Billek, Michael .....Scranton
Birdsall, Charles E.....Scranton
Blasik, Mary M.....Olyphant
Blasko, Elaine M.....Scranton
Blazys, Robert J.....Scranton
Blochberger, Charles H.....Kingston
Bochicchio, Maurice V.....Dunmore
Boland, Helen M.....Scranton
Bosha, Philip J.....Scranton
Bowen, Sarah .....Clarks Summit
Boyce, Elizabeth G.....Scranton
Boyd, Myles J.....Scranton
Boylan, Margaret A.....Carbondale
Boylan, Michael F.....Scranton
Boylan, Robert J.....Scranton
Boylan, Thomas J.....Carbondale
Braxtor, Louise A.....Scranton
Brecht, Clifton W.....Scranton
Brennan, John J.....Carbondale
Brennan, Marion L.....Mayfield
Brier, Robert .....Scranton
Brink, Lewis M.....Scranton
Briskey, Aloysius L.....Scranton
Brister, Earl M.....Scranton
Brogenski, Joseph J.....Throop
Brombacher, Fred C.....Scranton
Brown, Claire T.....Scranton
Brown, Gilbert C.....Uniondale
Brown, John J.....Scranton
Brown, Thomas D.....Jessup
Bruckert, Mildred M.....Clarks Summit
Brundage, John W.....Scranton
Brust, John A.....Dunmore
Bruzas, John J.....Scranton
Buckley, Mary Y.....Scranton
Buckley, Robert D.....Scranton
Bufano, Anthony W.....Scranton
Bunevitch, Joseph G.....Scranton
Burke, Arthur J.....Dunmore
Burke, John J.....Carbondale
Burke, Joseph E.....Scranton
Burke, Philip A.....Scranton
Burnett, Paul F.....Carbondale
Burns, Barbara A.....Scranton
Burns, John J.....Carbondale
Burns, Thomas P.....Scranton
Burok, John J.....Eynon
Bush, Stelle G.....Scranton
Butler, Edwin J.....Scranton
Butler, John J.....Moscow
Buydos, Joseph .....Scranton
Buza, Edward V.....Dickson City
Buziuk, John J.....Wilkes-Barre
Cacciamani, Aldo F.....Scranton
Cacciamani, Julio P.....Scranton
Caffrey, Kenneth F.....Scranton
Cali, Thomas P.....Scranton
Calogero, Eugene J.....Old Forge
Calpin, Thomas P.....Scranton
Calvey, James .....Clarks Summit
Calvey, John J.....Scranton
Campbell, Eugene F.....Scranton
Canavan, John R.....Scranton
Cannon, Francis D.....Scranton
Capone, Anthony J.....Scranton
Capone, Frank T.....Dunmore
Capone, John J.....Dunmore
Cardoni, Edwin R.....Scranton
Cardwell, James E.....Scranton
Carlton, Eleanor M.....Scranton
Carney, Gerald F.....Carbondale
Carney, Nan .....Carbondale
Carpenter, Paul R.....Scranton
Carroll, Gerard B.....Carbondale
Carroll, Gerald P.....Pittston
Carroll, John J.....Scranton
Carroll, Joseph D.....Avoca
Carroll, Joseph J.....Scranton
Casey, Edward J.....Archbald
Casey, Harry G.....Scranton
Casterlin, Everett A.....Scranton
Cathrall, Holmes .....Scranton
Cavalieri, Sam F.....Old Forge
Cavanaugh, Andrew J.....Scranton
Cavanaugh, Harold P.....Scranton
Cavanaugh, Thomas G.....Dunmore
Cawley, Genevieve R.....Scranton
Cawley, Gerard T.....Scranton
Cefaly, John M.....Ashley
Cesare, Leo L.....Old Forge
Channing, Albert T.....Scranton
Chaplick, Joseph G.....Pittston
Chezik, Stephen L.....Throop
Chiavacci, Eugene A.....Pittston
Chiavacci, Louis J.....Pittston
Chipko, Joseph .....Duryea
Chylak, George .....Olyphant
Cimini, Leberino A.....Scranton
Clark, William H.....Binghamton, N. Y.

Clarke, John J.....Scranton
Clarke, Norah J.....Scranton
Clarke, Raymond A.....Carbondale
Clauss, Harvey P.....Olyphant
Cleary, John F.....Carbondale
Clifford, Francis X.....Scranton
Clifford, John R.....Dunmore
Clifford, Philip J.....Scranton
Clifford, Robert J.....Scranton
Cogliser, Paul W.....Scranton
Coll, William J.....Hazleton
Collins, Harold W.....Pittston
Collins, James F.....Scranton
Collins, James P.....Scranton
Collins, Thomas J.....Scranton
Comerota, James P.....Dunmore
Conaboy, James G.....Scranton
Conway, Francis H.....Scranton
Corbett, Joseph P.....Dunmore
Corcoran, John J.....Scranton
Cosgrove, Eugene F.....Scranton
Cosgrove, Thomas J.....Scranton
Cosentino, Joseph A.....Pittston
Costanzo, Louis R.....Scranton
Cotter, James J.....Minooka
Coval, Edward M.....Scranton
Coveleskie, Stanley R.....Dickson City
Cox, John W.....Scranton
Coxe, Charles A.....Pittston
Coyle, John P.....Dunmore
Coyne, James M.....Scranton
Coyne, John J.....Scranton
Coyne, John Joseph.....Scranton
Craparo, Philip C.....Carbondale
Cryan, John S.....Philadelphia
Cuff, John M.....Dunmore
Cuff, Patrick J.....Dunmore
Cuilis, Walter T.....Olyphant
Cullen, Mary Jane D.....Scranton
Cullen, James W.....Scranton
Cullen, John W.....Scranton
Cummings, Eugene T.....Scranton
Cummings, Joseph J.....Inkerman
Cummings, Richard J.....Scranton
Cunningham, James M.....Dunmore
Cupple, Peter P.....Scranton
Cusick, Bart P.....Scranton
Dale, Percy P.....Clarks Summit
Dapper, Edward N.....Scranton
Darlak, Joseph S.....Throop
Darlak, Stanley L.....Throop
Dartt, James J.....Scranton
Davidson, Walter W.....Dunmore
Davis, Brynmor .....Scranton
Davis, Harold J.....Scranton
Davis, John T.....Scranton
Davis, John, Jr.....Scranton
Davis, Ralph .....Scranton
Davis, Ralph G.....Gouldsboro
Davis, Richard .....Scranton
Davis, Russell C.....Dunmore
Dayko, Andrew .....Dickson City
Dearie, Nathaniel F.....Carbondale
DeGraba, John J.....Pittston
DeGraba, Michael E.....Pittston
Deininger, Ralph R.....Scranton
Deitzer, Robert L.....Scranton
Delevan, Harry R.....Waverly
Dellarte, Joseph A.....Wyoming
Delmonte, John J.....Pittston
DelRosso, Louis N.....Dunmore
DeMaio, Vincent A.....Dunmore
Denikowich, John .....Scranton
Dempsey, Bernard L.....Dickson City
Dempsey, Joseph P.....Dunmore
Depoti, Joseph T.....Carbondale
DeSanto, Alfonso R.....Scranton
DeSanto, Domonick A.....Scranton
DeSanto, Robert S.....Scranton
DeStefano, Vincent J.....Scranton
Dickson, Barbara M.....Scranton
Dimler, Hugh W.....Scranton
Dimmick, Orville E.....Scranton
Diskin, Lillian D.....Scranton
Dixon, William L.....Scranton
Doherty, Paul J.....Dunmore
Domzalski, Edward B.....Duryea
Donelan, Martin E.....Scranton
Donahue, Daniel E.....Scranton
Donato, Frank T.....Dunmore
Donohue, John F.....Scranton
Donovan, Joan A.....Scranton
Donovan, Ralph E.....Throop
Donovan, William M.....Scranton
Doran, Francis D.....Avoca
Dorsey, David E.....Scranton
Douaihy, Joseph P.....Scranton
Dougher, Catherine A.....Dunmore
Dougherty, James F.....Scranton
Dougherty, John E.....Scranton
Dougherty, Thomas J.....Scranton
Dougherty, Thomas J. .....Dunmore
Dougherty, William P.....Pittston
Douglass, Robert E.....Scranton
Dubin, Joseph M.....Scranton
Duggan, Robert C.....Scranton
Duggan, Robert P.....Scranton
Durkin, Joseph P.....Carbondale
Dzuris, Andrew J.....Dunmore
Eagen, Francis P.....Moosic
Earles, Joseph T.....Scranton
Echard, Lester F.....Scranton
Edelsohn, Alfred A.....Scranton
Egan, James J.....Dunmore

Ehrenreich, Irvin ..... Scranton
Eisele, John E..... Scranton
Elgaway, Marie E..... Dupont
Engelmyer, Harold ..... Taylor
Erdman, Robert M..... Scranton
Erhard, Martha C..... Scranton
Estock, Irene M..... Peckville
Evans, Alfred D..... Scranton
Evans, Robert J..... Clarks Summit
Evans, Thomas G..... Chinchilla
Fairburn, Frederic J..... Scranton
Farrell, Mae A..... Scranton
Farrell, Martin H..... Dunmore
Farry, Edward J..... Scranton
Farry, Raymond G..... Scranton
Fata, Frank A..... Bronx, N. Y.
Feedele, Americo J..... Scranton
Feeley, James W..... Olyphant
Fennie, Joseph E..... Olyphant
Fenstermacher, William R..... Dunmore
Fetterolf, Donald J..... Dunmore
Fey, Eugene J..... Scranton
Fiene, Evelyn ..... Scranton
Finnegan, John A..... Scranton
Fitzgerald, Francis A..... Olyphant
Fitzgerald, James R..... Olyphant
Fitzsimmons, F. R..... White Plains, N. Y.
Flannery, Mrs. Catherine..... New Milford
Flannery, Frank X..... New Milford
Flood, Robert L..... Carbondale
Flynn, Francis E..... Scranton
Flynn, William J..... Scranton
Foley, Thomas J..... Pittston
Foley, William D..... Scranton
Ford, Edward J..... Scranton
Forkin, Patrick B..... Scranton
Forman, Irwin ..... Scranton
Fox, John P..... Dunmore
Fox, Robert F..... Scranton
Friedman, Sheldon J..... Scranton
Freethy, Kenneth F..... Hawley
Fruehan, Herman G..... Scranton
Fry, Annette L..... Taylor
Fuller, Charles E..... Scranton
Furman, Willard R..... Scranton
Furnani, Philip E..... Scranton
Gabriel, Frederick ..... Clarks Summit
Gaffney, Francis J..... Wilkes-Barre
Galinski, Francis B..... Forest City
Gallagher, Barbara M..... Minooka
Gallagher, Gordon V... Binghamton, N. Y.
Gallagher, John J..... Scranton
Gallagher, Larry J..... Scranton
Gallagher, Paul J..... Scranton
Gallagher, Robert E..... Scranton
Gallagher, Robert J..... Scranton
Gallagher, William E..... Dunmore
Gallagher, William P..... Scranton
Gallinot, Herman R..... Scranton
Gallucci, Frank ..... Scranton
Gangwer, Edgar B..... Taylor
Garofoli, Rinaldo L..... Jessup
Garramone, Pasco L..... Hazleton
Garvey, Eugene A..... Scranton
Garvey, Joseph X..... Scranton
Garvey, Mary C..... Scranton
Gavigan, James M..... Dunmore
Genardi, Benjamin ..... Scranton
Genardi, Paul J..... Scranton
Generotti, Elmer J..... Jessup
Genuario, Vincent G..... Dunmore
Gerard, Vito N..... Scranton
Geroulo, Palmer J..... Jessup
Germano, Peter E..... Dunmore
Gerrity, Alice M..... Lake Ariel
Gerrity, Joseph P..... Scranton
Gerrity, Michael J..... Dunmore
Gerrity, Thomas E..... Exeter
Getson, Gerald E..... Avoca
Ghigiarelli, Elder A..... Old Forge
Gibson, Louis A..... Scranton
Gilbride, Paul J..... Scranton
Gilbride, Robert M..... Scranton
Gilhool, William J..... Scranton
Gillern, Harold F..... Dunmore
Gilmore, Alice A..... Scranton
Gilroy, Edward J..... Pittston
Gilroy, Paul J..... Scranton
Gilroy, Michael R..... Scranton
Gilroy, William H..... Scranton
Ginader, Charles H..... Scranton
Giordina, James N..... Pittston
Giuliano, Michael N..... Pittston
Glazer, Norman ..... Scranton
Gleason, George G..... Scranton
Gleason, Joseph M..... Scranton
Gleason, Paul R..... Scranton
Golden, John J..... Scranton
Golden, Owen H..... Avoca
Golden, Stanley E..... Dunmore
Goller, Helen M..... Scranton
Golob, Charles G..... Scranton
Goodman, Arthur J..... Scranton
Gordon, Jeanne M..... Dunmore
Gordon, Kenneth A..... Taylor
Gordon, Owen E..... Clarks Green
Gorski, Leonard J..... Scranton
Gould, Charles W..... Factoryville
Grado, Benjamin F..... Scranton
Grady, Francis B..... Scranton
Graff, William R..... Scranton
Gramigna, Vitor A..... Scranton
Grant, Delbert F..... Clarks Summit
Grasso, Jack J..... Scranton

Grebb, Edwin S.....Scranton
Greco, Anna M.....Old Forge
Greco, Joan L.....Scranton
Greener, Richard G.....Dalton
Gregori, Quinto J.....Eynon
Grier, John P.....Carbondale
Grochowski, Walter .....Scranton
Grochtman, William J.....Scranton
Gromola, Joseph J.....Dupont
Gromlich, John W.....Scranton
Gromlich, Kenneth R.....Scranton
Grosh, Paul V.....Olyphant
Gruss, Edward G.....Scranton
Guyette, Harry S.....Scranton
Guzzi, Joseph L.....Old Forge
Hagan, Marion A.....Carbondale
Haggerty, John J.....Scranton
Hall, John M.....Scranton
Hallstead, William F., 3rd.....Dalton
Hallstead, William F.....Dalton
Halton, William L.....Lattimer Mines
Ham, David M.....Peckville
Hamaker, Mary A.....Harrisburg
Hanis, Thomas A.....Dunmore
Hanke, Alexander A.....Scranton
Hannon, Joseph J.....Scranton
Hannon, William A.....Scranton
Haran, John F.....Carbondale
Harding, Robert A.....Scranton
Harley, Edward F.....Scranton
Harrington, Frank G.....Scranton
Harrington, Robert E.....Scranton
Harris, Albert P.....Scranton
Harris, Donald P.....Scranton
Hatcher, Donald H.....Scranton
Hawley, Edward .....Scranton
Hawley, Frank L.....Scranton
Hazzouri, Sarkis A.....Scranton
Heal, S. Louise .....Dunmore
Healey, Catherine M.....Dunmore
Healey, John J.....Dunmore
Heckman, Lucille J.....Scranton
Heenan, Joseph J.....Scranton
Heffers, Leonard J.....Swoyerville
Heider, Jeanne M.....Scranton
Helring, John J.....Scranton
Hengler, Henry J.....Scranton
Hennigan, Alys M.....Scranton
Hennigan, Betty T.....Olyphant
Hennigan, Francis R.....Dunmore
Hennigan, John V.....Olyphant
Hess, Charles E.....Scranton
Heusner, Robert .....Scranton
Higgins, Edward D.....Dunmore
Higgins, Leo P.....Scranton
Hines, Joseph C. .....Avoca
Hnatew, William .....Scranton
Hoadley, Richard S.....Nicholson
Hoban, Francis P.....Scranton
Hoch, Lewis R.....West Pittston
Hoffner, Clarence C.....Scranton
Holgosh, Nick G.....Old Forge
Holland, Nan R.....Old Forge
Holmes, John J.....Scranton
Holmes, Thomas M.....Scranton
Holmes, Walter G.....Scranton
Honold, Robert W.....Scranton
Hooper, Jack W.....Carbondale
Hopkins, Donald J.....Scranton
Hopkins, Leo F.....Scranton
Hopkins, Stuart P.....Scranton
Hosko, Robert M.....Scranton
Houlihan, Joseph G.....Olyphant
Housen, Robert P.....Clarks Summit
Hricko, Robert M.....Olyphant
Hubiak, John .....Old Forge
Huddy, Richard P.....Scranton
Hughes, Arthur .....Scranton
Hughes, Russell B.....Scranton
Hungerbuhler, Gerald F.....Scranton
Hussing, Shirley M.....Scranton
Hyder, John J.....Olyphant
Hynak, Stephen P.....Scranton
Ilges, Fred .....Scranton
Intoccia, Rudolph J.....Scranton
Intoccia, Vincent J.....Scranton
Jacobe, Edward D.....Stroudsburg
Jacobs, John .....Scranton
Jaconski, Alex A.....Scranton
Janezic, Edward A.....Forest City
Janus, Elinore E.....Scranton
Jenkins, Elmer J.....Dickson City
Jenkins, Willard T.....Scranton
Jezuit, Michael J.....Olyphant
Jones, Betty R.....Scranton
Jones, Donald J.....Scranton
Jones, Gwyneryn T.....Scranton
Jones, James R.....Dalton
Jones, M. Jeanette.....Moscow
Jones, Robert C.....Scranton
Jones, Roy E.....Scranton
Jones, Walter D.....Clarks Summit
Jones, Warren F.....Scranton
Jones, William J.....Scranton
Jones, William R.....Scranton
Jordan, Catherine L.....Scranton
Jordan, Donald W.....Dunmore
Jordan, John W.....Olyphant
Jordan, Rosemary .....Scranton
Joyce, Eugene F.....Scranton
Joyce, John J.....Scranton
Joyce, Joseph J.....Avoca
Joyce, Joseph M.....Scranton
Joyce, Thomas F.....Scranton

Judge, Frank J.....Scranton
Judge, Myles F.....Scranton
Kabatchnick, Neil B.....Scranton
Kaminsky, Anthonie T.....Scranton
Kane, Joseph P.....Olyphant
Kane, Robert D.....Wilkes-Barre
Kane, Robert J.....Scranton
Kane, Robert M.....Scranton
Kane, Thomas J.....Scranton
Kareka, Harold J.....Scranton
Katz, Gladys .....Scranton
Kearney, Gerald M.....Dunmore
Kearney, John E.....Scranton
Keating, George J.....Scranton
Keating, William E.....Scranton
Kelley, Hubert G.....Scranton
Kelly, John D.....Scranton
Kelly, Joseph P.....Pittston
Kelly, Paul E.....Pittston
Kelly, Robert T.....Jessup
Kelly, Thomas F.....Dunmore
Kelly, William F.....Scranton
Kerrigan, Paul T.....Scranton
Kilcullen, Robert F.....Scranton
Killian, Joseph E.....Scranton
Kimak, John, Jr.....Taylor
Kish, Anne V.....Moosic
Kiwior, John M.....Dickson City
Kizer, George C.....Scranton
Kizer, Walter C.....Scranton
Kleeman, Frances M.....Scranton
Kleinberger, Sidney G.....Scranton
Knight, Martin F.....Scranton
Knorr, August J.....Scranton
Knorr, George S.....Scranton
Knuth, Martin W.....Scranton
Koester, Robert J.....Scranton
Kofira, Nicholas R.....Taylor
Kohl, Arlene F.....Scranton
Kolibob, Andrew J.....Dunmore
Kolodey, Joseph .....Scranton
Koniszewski, John E.....Dickson
Kosconb, John F.....Scranton
Koslowski, Bernard J.....Nanticoke
Kotula, Stanley T.....Dupont
Kovacs, Attila C.....Throop
Kovacs, William L.....Scranton
Kovaleski, Joseph S.....Scranton
Kowrach, Edward J.....Dickson City
Kozlowski, John C.....Dickson City
Krafsig, Bernard C.....Scranton
Kranick, Ronald J.....Dunmore
Krupa, George .....Scranton
Krutul, Sabina E.....Olyphant
Kubasko, Joseph J.....Olyphant
Kuratnick, John J.....Scranton
Kuratnick, Stephen .....Dunmore
Kutzar, Paul .....Scranton
Kuzmak, Edward A.....Blakely
Lafferty, William J.....Scranton
Lancaster, J. Richard.....Scranton
Landers, John D.....Spring Lake, N. J.
Langan, Joseph A.....Scranton
Langan, Thomas V.....Scranton
Langan, William A.....Olyphant
Lanz, Arnold H.....Scranton
Larkin, Joseph P.....Scranton
Larkin, William T.....Dunmore
Larva, Edward S.....Scranton
Latorre, Rose A.....Scranton
Latzanich, John .....Dunmore
Lavelle, Peter J.....Scranton
Lavelle, William P.....Dunmore
Lawrence, Vincent W.....Scranton
Layton, Willard S.....Scranton
Lazar, Kathryn .....Scranton
Leahey, Donald A.....Scranton
Leeson, Joseph F.....Scranton
Lefcoski, Joseph J.....Scranton
Leidinger, Jack R.....Scranton
Lenihan, John J.....Scranton
Leuthold, Lorin .....Scranton
Leo, August W.....Scranton
Leo, Charles P.....Scranton
Leo, Paul J.....Scranton
Leoni, Eugene P.....Wilkes-Barre
Lepo, Felix J.....Scranton
Lepri, Joseph L.....Dunmore
Lesjak, William C.....Forest City
Lester, William J.....Scranton
Lewis, Cyril E.....Scranton
Lewis, John R.....Scranton
Lieb, Herman.....Chicago, Illinois
Lillis, Ann M.....Pittston
Linfante, Louis P.....Scranton
Lipman, Jack .....Scranton
Liss, Merwin E.....Scranton
Liuzzo, Anthony C.....Carbondale
Llewellyn, David .....Chinchilla
Lloyd, Robert P.....Scranton
Loftus, Edward J.....Scranton
Loftus, Thomas R.....Scranton
Logan, James B.....Dunmore
Lohmann, John F.....Scranton
Longcor, Walter D.....Scranton
Lorusso, Mrs. Marguerite.....Scranton
Loughney, Barbara A.....Scranton
Loughney, Ellen C.....Dunmore
Loughney, Frank J.....Scranton
Loughney, John G.....Pittston
Loughney, William G.....Scranton
Louis, Winifred T.....Scranton
Lowe, George F.....Moscow
Lubreski, Leonard L.....Scranton

Luby, Joseph J.....Scranton
Lukasik, Frank C.....Dickson City
Lulewicz, John J.....Dickson City
Lydon, John R.....Scranton
Lydon, Magdalen L.....Pittston
Lynady, Gerard J.....Archbald
Lynch, Joseph P.....Olyphant
Lynch, Katherine M.....Scranton
Lyons, William J.....Scranton
Mabey, John H.....Scranton
MacDonald, Margaret M.....West Pittston
Macindoe, Christine .....Scranton
Magnotta, Frederick M.....Scranton
Maguire, William V.....Scranton
Mahady, William .....Archbald
Mahig, Veronica P.....Dunmore
Mahoney, Ann T.....Scranton
Mahoney, John J.....Scranton
Makalusky, Adam J.....Clarks Summit
Malakin, Jack T.....Scranton
Malina, Joseph .....Taylor
Malinak, Michael P.....Dunmore
Malo, Bruno S.....Scranton
Mando, Theodore .....Scranton
Mangan, Eugene D.....Scranton
Manger, John B.....Dunmore
Manley, Joseph J.....Scranton
Manning, Raymond T.....Dickson City
Mannion, Michael F.....Carbondale
Manno, Bruno A.....Scranton
Maranacci, Elmer J.....Exeter
Marcks, Carl A.....Scranton
Marconi, David .....West Pittston
Marfisi, Frank R.....Dunmore
Marion, James P.....Archbald
Markowski, George J.....Scranton
Marmaluk, Joseph .....Jermyn
Maroni, Lino P.....Scranton
Marrazzo, Eugene J.....Dunmore
Martin, Joseph P.....Scranton
Martinkus, Beatrice F. .....Scranton
Marx, John H.....Scranton
Matichak, William .....Peckville
Mattern, Robert M.....Scranton
Matthews, Raymond R.....Scranton
Mattimore, John J.....Scranton
Mattise, Samuel .....Jermyn
Maus, Alfred .....Scranton
Maynard, Robert A.....Peckville
Mazur, Frank T.....Dickson City
Mazur, Joseph A.....Olyphant
Mazzei, Renato.....Scranton
McAllister, Robert E.....Dunmore
McAndrew, Eugene J.....Scranton
McAndrew, James P.....Jessup
McAndrew, John F. P.....Dunmore
McCann, Joan M.....Scranton
McCann, Thomas E.....Scranton
McDade, Elizabeth M.....Dunmore
McDonald, Edward J.....Scranton
McDonald, Eugene P.....Scranton
McDonald, Richard J.....Scranton
McDonnell, John G.....Scranton
McDonough, Frank A.....Scranton
McDonough, Gerard T.....Scranton
McDonough, James G.....Scranton
McDonough, Paul E.....Scranton
McDonough, Robert P.....Scranton
McElhenny, John H.....Scranton
McGlone, William J.....Scranton
McGoff, Robert E.....Scranton
McGowan, Harold P.....Archbald
McGowan, William F.....Olyphant
McGrath, James P.....Scranton
McGrath, John F.....Scranton
McGraw, John J.....Dunmore
McGuire, Catherine C.....Pittston
McGuire, Elizabeth C.....Avoca
McGuire, Thomas F.....Dunmore
McGuire, Thomas J.....Scranton
McGurrin, Anthony M.....Scranton
McGurrin, Francis R.....Scranton
McHale, Charles D.....Avoca
McHale, John E.....Dunmore
McHale, Joseph C.....Scranton
McHale, Paul H.....Olyphant
McHale, Theodore J.....Archbald
McHale, Thomas J.....Scranton
McIntyre, John J.....Avoca
McKinney, John J.....Scranton
McKinney, J. Winston.....Scranton
McLaine, Thomas C.....Scranton
McLane, Edward J.....Scranton
McLane, Helen A.....Scranton
McLane, Thomas G.....Scranton
McLaughlin, Margaret M.....Scranton
McLaughlin, Martin J.....Scranton
McLaughlin, Robert J.....Carbondale
McNamara, Edgar M.....Dunmore
McNamara, Paul F.....Scranton
McNiff, Gerard P.....Scranton
McNulty, Ambrose B.....Scranton
McNulty, James P.....Pittston
McNulty, John D.....Pittston
McNulty, Joseph F.....Scranton
McNulty, Leo F.....Scranton
McNulty, Paul B.....Scranton
McShaffery, John A.....Scranton
McTighe, Grace P.....Scranton
McTighe, Marianne .....Scranton
Mecca, Dominick F.....Dunmore
Mecca, Michael A.....Clarks Summit
Mecca, Thomas P.....Dunmore
Meehan, Joseph F.....Scranton

Megargel, Welles F.....Scranton
Melvin, Joseph J.....Scranton
Melvin, Thomas P.....Scranton
Mendlowitz, Jerome .....Scranton
Menn, Oscar A.....West Pittston
Merrick, Andrew J.....Scranton
Merrick, Jeanne M.....Scranton
Meyers, Anna M.....Carbondale
Meyers, William H.....Scranton
Michaels, Albert F.....Scranton
Mika, Christine A.....Old Forge
Miklus, Andrew L.....Throop
Miller, Andrew G.....Scranton
Miller, George G.....Clarks Green
Miller, George F.....Wyoming
Miller, Harry T.....Jermyn
Miller, Jerome K.....Scranton
Miller, Joseph A.....Wilkes-Barre
Miller, Milton .....Scranton
Miller, Orville J.....Throop
Miller, Robert J.....Archbald
Millus, Albert J.....Forest City
Milner, Albert D.....Dunmore
Milner, John R.....Dunmore
Misiura, Anthony J.....Olyphant
Mitchell, Frederick .....Scranton
Mitchell, Willard H.....Olyphant
Mittelman, Edward M.....Dunmore
Monahan, George A.....Scranton
Monahan, Thomas F.....Dunmore
Montagna, James M.....Pittston
Moran, Dolores A.....Scranton
Moran, Francis X.....Scranton
Moran, John P.....Carbondale
Moran, John P.....Scranton
Moran, Mark F.....Scranton
Moran, Michael T.....Scranton
Morgan, David A.....Scranton
Morgan, Francis J.....Scranton
Morreale, Thomas P.....Scranton
Morris, Donald C.....Carbondale
Morris, Jerome R.....Scranton
Morris, John J.....Dickson City
Moser, Roy W.....Scranton
Mucksavage, John J.....Carbondale
Mulcahy, Mary A.....Pittston
Mulherin, Cornelius R.....Scranton
Mullaney, Edward B.....Dunmore
Mulligan, Howard F.....Olyphant
Mulligan, Patrick J.....Olyphant
Munley, Eugene J.....Dunmore
Muraca, Frank B.....Dunmore
Murphy, Francis J.....Scranton
Murphy, Joseph A.....Scranton
Murphy, Joseph T.....Scranton
Murphy, Joseph T.....Pittston
Murphy, Leo V.....Dunmore
Murray, Theodore J.....Dunmore
Musewicz, Thaddeus A.....Scranton
Mushinski, Joseph M.....Scranton
Muska, Joseph M.....Scranton
Nardini, John P.....Scranton
Neary, James F.....Scranton
Neary, Richard E.....Blakely
Neary, Thomas E.....Dunmore
Needham, Robert P.....Scranton
Needham, Rosemary A.....Scranton
Nemeth, Rose M.....Dickson City
Nemetz, John S.....Scranton
Nicholas, Charles A.....Dunmore
Nidoh, Joseph .....Scranton
Noble, Albert E.....Scranton
Nolan, Leo F.....Dunmore
Noll, Joseph H.....Scranton
Noone, James F.....Scranton
Norton, Joseph E.....Scranton
Notz, Paul A.....Scranton
O'Boyle, Claude J.....Scranton
O'Boyle, Donald J.....Peckville
O'Brien, Thomas E.....Carbondale
O'Connor, John J.....Scranton
O'Connor, John R.....Olyphant
O'Connor, Joseph A.....Scranton
O'Connor, Thomas F.....Jessup
O'Donnell, James T.....Scranton
O'Hara, Edward J.....Scranton
O'Hara, Francis S.....Scranton
O'Hara, James A.....Carbondale
O'Hara, Paul M.....Carbondale
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